

Fowler

HIGH PRECISION

Over 60
NEW
Items!



*Coming to you soon
the **NEW** Fowler
Mobile Tech Center!
see page 55*

TOOL-A-THON

Volume 14.2

Bowers XTH Holematic Pistol Grips



Fowler/Bowers XTH Holematic Pistol Grip range of bore gages offer extended travel with fixed anvils. The pistol grip handle incorporates a constant measuring pressure to eliminate operator "feel."



**Fastest Measuring System!
Ergonomic Design!
Amazing Repeatability!**

- Large easy-to-read swivel display
- Self centering heads
- RS-232C output and USB connectivity
- Three preset memories
- Fixed anvils
- Resolution: .00005" / .001mm
- Range .080" – 12" (2–300mm)
- Tungsten carbide measuring faces on all 3-point heads from .5" (12.5mm) and up.
- Heads with special anvils available for threads, splines, slots, etc.
- Sizes over .500" (12.5mm) feature blind bore capability
- Setting rings included in all sets
- Includes UKAS certificates for all pistol grip, heads and rings
- Special anvils available



Contact the Fowler Technical Department for special anvil applications.

Electronic Holematic Pistol Grip XTH - Individual sizes (includes pistol grip, head and ring)

Order Number	Range	Accuracy	Depth	List Price	Sale Price
2-Point Heads					
A54-566-701	.080"-.100" (2-2.5mm)	.00015" (0.004mm)	.350" (9mm)	\$2841.00	\$2272.80
A54-566-702	.100"-.120" (2.5-3mm)	.00015" (0.004mm)	.350" (9mm)	2841.00	2272.80
A54-566-703	.120"-.160" (3-4mm)	.00015" (0.004mm)	.470" (12mm)	2841.00	2272.80
A54-566-704	.160"-.200" (4-5mm)	.00015" (0.004mm)	.700" (18mm)	2841.00	2272.80
A54-566-705	.200"-.250" (5-6mm)	.00015" (0.004mm)	.700" (18mm)	2841.00	2272.80
3-Point Heads					
A54-566-706	.250"-.312" (6-8mm)	.00015" (0.004mm)	2.28" (58mm)	\$2070.00	\$1656.00
A54-566-708	.312"-.375" (8-10mm)	.00015" (0.004mm)	2.28" (58mm)	2036.00	1628.80
A54-566-710	.375"-.500" (10-12.5mm)	.00015" (0.004mm)	2.28" (58mm)	2144.00	1715.20
A54-566-712	.500"-.625" (12.5-16mm)	.00015" (0.004mm)	2.44" (62mm)	2172.00	1737.60
A54-566-716	.625"-.750" (16-20mm)	.00015" (0.004mm)	2.44" (62mm)	2302.00	1841.60
A54-566-720	.750"-1" (20-25mm)	.00015" (0.004mm)	2.62" (66mm)	2467.00	1973.60
A54-566-725	1-1.375" (25-35mm)	.00015" (0.004mm)	2.62" (66mm)	2915.00	2332.00
A54-566-735	1.375"-2" (35-50mm)	.00015" (0.004mm)	3.15" (80mm)	2739.00	2191.20
A54-566-740	2-2.625" (50-65mm)	.00020" (0.005mm)	3.15" (80mm)	2807.00	2245.60
A54-566-745	2.625"-3.250" (65-80mm)	.00020" (0.005mm)	3.15" (80mm)	2807.00	2245.60
A54-566-750	3.250"-4" (80-100mm)	.00020" (0.005mm)	3.35" (85mm)	2989.00	2391.20
A54-566-800	4-5" (100-125mm)	.00025" (0.006mm)	3.94" (100mm)	3131.00	2504.80
A54-566-825	5-6" (125-150mm)	.00025" (0.006mm)	3.94" (100mm)	3323.00	2658.40
A54-566-850	6-7" (150-175mm)	.00030" (0.007mm)	3.94" (100mm)	3527.00	2821.60
A54-566-875	7-8" (175-200mm)	.00030" (0.007mm)	3.94" (100mm)	3669.00	2935.20
A54-566-876	8-9" (200-225mm)	.00030" (0.008mm)	3.94" (100mm)	4673.00	3738.40
A54-566-877	9-10" (225-250mm)	.00030" (0.008mm)	4.05" (103mm)	5160.00	4128.00
A54-566-878	10-11" (250-275mm)	.00035" (0.009mm)	4.05" (103mm)	5342.00	4273.60
A54-566-879	11-12" (275-300mm)	.00035" (0.009mm)	4.05" (103mm)	5897.00	4717.60



Extra Handles 25% off
(with set purchase)

Holematic XTH Pistol Grip Only

Order Number	Range	List Price	Sale Price
A54-556-350	.080"-.250" (2-6mm)	\$1951.00	\$1450.00
A54-556-375	.250"-.750" (6-20mm)	1951.00	1450.00
A54-556-400	.750"-4" (20-100mm)	1951.00	1450.00
A54-556-480	4"-12" (100-300mm)	1951.00	1450.00

Bowers XTH Holematic Pistol Grip Sets



Complete Range Sets

Order Number	Range	Includes	List Price	Sale Price
A54-566-009	.080"-.250" (2-6mm)	5 heads, 1 handle, 3 rings	\$6431.00	\$5144.00
A54-566-010	.250"-.375" (6-10mm)	2 heads, 1 handle, 1 ring	2524.00	2019.00
A54-566-020	.375"-.750" (10-20mm)	3 heads, 1 handle, 2 rings	2977.00	2381.00
A54-566-050	.750"-2" (20-50mm)	3 heads, 1 handle, 2 rings	3901.00	3120.00
A54-566-100	2-4" (50-100mm)	3 heads, 1 handle, 2 rings	4321.00	3456.00
A54-566-105	4-6" (100-150mm)	2 heads, 1 handle, 1 ring	3901.00	3120.00
A54-566-110	6-8" (150-200mm)	2 heads, 1 handle, 1 ring	5212.00	4169.00
A54-566-200	4-8" (100-200mm)	4 heads, 1 handle, 2 rings	8352.00	6681.00
A54-566-210	.750"-4" (20-100mm)	6 heads, 1 handle, 4 rings	6431.00	5144.00
A54-566-620	.250"-.750" (6-20mm)	5 heads, 1 handle, 3 rings	3589.00	2871.00

Connectivity Kits

Order Number	Description	List Price
A54-115-444	RS232 Power Computer Connect Kit	157.00
A54-115-528	USB Power Computer Connect Kit	220.00
A54-100-350	CR2032 Battery	5.50

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

X-PROOF[®] HOT SPOT

X-Proof IP54 Shockproof Indicator



Protected to:
IP54
CORULANT & FLUID
RESISTANT

BEST VALUE!
IP54 Shockproof indicator available!

Protection Includes:

- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate

Specifications:

- Robust, shockproof design
- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point



NEW!

Order Number	Description	List Price	Sale Price
A52-520-450	X-Proof Indicator—Whiteface	\$69.40	\$29.80
A52-520-455	NEW X-Proof Indicator—Blackface	75.00	32.25

X-Proof 0-22" Dial Depth Gage with IP54 protection!



NEW!

BEST VALUE!
IP54 Shockproof indicator available!



Features:

- 0-1" AGD Group 2 IP54 Indicator
- Sealed bezel, top cap and dial with bellows on stem
- Sealed back plate
- .001" graduations
- 4" base ground and lapped for flatness
- Rods connect for 22" capacity
- Includes 2 extra points (spline & needle)
- Tolerance markers

FREE Fowler Hat with Purchase!

Protected to:
IP54
CORULANT & FLUID
RESISTANT

All in a shop-hardened case.

Order Number	Description	List Price	Sale Price
A52-125-007	NEW X-Proof Depth Gage	\$185.00	\$122.00

X-PROOF® HOT SPOT

Fowler

TOOL-A-THON

X-Proof Gage Stand

Stand features:

- 6" x 6" x 2" granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Microscrew fingertip control
- Flatness = .00005"

X-Proof Indicator (A52-520-450):

- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point
- Robust, shockproof design
- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate

BEST VALUE!
IP54 Shockproof indicator available!



NEW!



FREE Fowler Hat with Purchase!

Order Number	Description	List Price	Sale Price
A52-580-450	NEW X-Proof Gage Stand	\$177.20	\$115.00

X-Proof Water Resistant Indicator Set

BEST VALUE!
IP54 Shockproof indicator available!



Magnetic Base (A52-585-010):

- Fine adjustment
- Base dimensions: 2" x 2-11/32" x 1-13/16"
- Mounts test indicators with 1/4" post
- 85 lb. pull
- On-Off lever release magnet
- V-base for placing on round surfaces

X-Proof Indicator (A52-520-450):

- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point
- Robust, shockproof design
- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate



FREE Fowler Hat with Purchase!

All in a shop-hardened case.

Order Number	Description	List Price	Sale Price
A52-585-155	X-Proof Water Resistant Indicator Set	\$77.85	\$55.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

X-TENDED RANGE Pin Gage Sets

Minus and Plus Tolerances

Ideal for checking hole size, location, gage slots, distance between holes, go/no-go gaging and setting other gages and micrometers.

NEW!

**Two ranges
in one set!**

.011" - .060" & .061" - .250"

Features:

- Class ZZ
- Black oxide finish offers extra protection against corrosion and rust, promotes longer life, and highlights wear trends that enables calibration to be performed more effectively
- 240 pcs
- Range: 0.011" - 0.250" in .001" increments.
- Set includes 2 handles and our X-Glide all purpose teflon lubricant
- Certificate of accuracy traceable to N.I.S.T. and registered ISO 9001



Order Number	Description	Accuracy	List Price	Sale Price
A53-880-823	NEW Plus Pin Gage Set	+0.0002"-0.0000"	\$229.95	\$209.95
A53-880-833	NEW Minus Pin Gage Set	+0.0000"-0.0002"	229.95	209.95

Pin Gage Handles

NEW!



A53-885-001

A53-885-000

- 8 sizes cover a full range of pin gages (.011" - 1.0")
- Color coded handle for GO, NO/GO applications
- Both handle and collets are made of aluminum for pin protection
- Collets are spring loaded and self-centering

Order Number	Description	List Price	Sale Price
A53-885-000	NEW .011" - .060"	\$17.00	\$14.50
A53-885-001	NEW .061" - .250"	20.00	16.50
A53-885-002	NEW .251" - .500"	23.50	20.50
A53-885-003	NEW .501" - .625"	27.00	24.00
A53-885-004	NEW .626" - .750"	33.00	30.00
A53-885-005	NEW .751" - .832"	36.00	33.00
A53-885-006	NEW .833" - .916"	40.00	37.00
A53-885-007	NEW .917" - 1.0"	45.00	41.00
A53-885-008	NEW All Sizes .011" - 1.0"	230.00	210.00



Micrometer shown not included.

NEW!

- Holds standard 0-12" micrometers firmly to metal surfaces
- Use at machine centers, work, assembly and inspection stations, steel tables and shelves
- V-bottom for mounting on cylindrical surfaces
- On/Off magnet switch
- Blue enamel finish
- Base is 2.30" L x 1.20" W x 3.50" H

Order Number	Description	List Price	Sale Price
A52-247-010	NEW Xtra-Mag Base Micrometer Stand	\$48.50	\$40.00

Adjustable Micrometer Stand



Micrometer shown not included.

A compact, well-constructed, folding micrometer stand with a unique locking mechanism that positions the micrometer over a 180° range for perfect use and viewing.

Order Number	Description	List Price	Sale Price
A52-247-005	Micrometer Stand	\$33.05	\$23.50

XTRA-VALUE II Electronic Micrometers

- Jet black, grey enamel finish
- Large LCD display.
- Resolution: .00005"/.001mm
- Accuracy: ±.00016"/.004mm (up to 2")
- Direct RS-232 output
- Carbide measuring faces.
- Absolute and incremental modes
- Ratchet thimble
- Includes shop hardened case



FREE!
Ball Attachment

Protected to:
IP40
DUST RESISTANT

Order Number	Description	Range	List Price	Sale Price
A54-870-001	Xtra-Value II Electronic Micrometer	0-1"/0-25mm	\$84.00	\$59.50
A54-870-002	Xtra-Value II Electronic Micrometer	1-2"/25-50mm	85.00	75.40
A54-870-003	Xtra-Value II Electronic Micrometer	2-3"/50-75mm	99.95	89.80
A54-870-103	Xtra-Value II Electronic Micrometer Set	0-3"/0-75mm	300.00	183.00
A54-100-350	CR2032 Battery		5.50	

Electronic Coolant Resistant Micrometers

- Protected to IP54 specifications
- Large LCD Display
- Automatic switch off
- Resolution: .00005"/.001mm
- Direct RS-232 output
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard



FREE!
Ball Attachment

Protected to:
IP54
COOLANT & FLUID RESISTANT

Order Number	Description	Range	List Price	Sale Price
A54-860-001-1	IP54 Electronic Micrometer	0-1"/0-25mm	\$106.40	\$79.20
A54-860-002-1	IP54 Electronic Micrometer	1-2"/25mm-50mm	123.20	89.20
A54-860-003-1	IP54 Electronic Micrometer	2-3"/50mm-75mm	134.40	99.80
A54-860-103-1	IP54 Electronic Micrometer Set	0-3"/0-75mm	370.65	259.70
A54-902-110	LR44 Battery		6.60	

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Universal Electronic Micrometers



- Resolution: 0.00005"/0.001mm
- Non-rotating spindle
- Direct inch metric conversion
- ABS/INC measuring mode
- Tolerance & preset function
- Comes complete with 7 anvils sets
- Satin chrome finish
- Sizes over 1" include a standard
- Includes case

NEW!

Order no.	Range	List Price	Sale Price
A54-817-777	NEW 0-1"/0-25mm	\$302.40	\$225.00
A54-817-778	NEW 1-2"/25-50mm	343.85	245.00

Outside Micrometers

with Decimal Equivalents on Frame



- Black decimal equivalents on satin chrome finished forged steel frame
- Graduations: .0001"
- Ratchet thimble and locking nut
- Includes case

Order no.	Range	List Price	Sale Price
A52-235-001-1	0-1"	\$52.65	\$30.80
A52-235-002-2	1-2"	63.85	40.30
A52-235-003-2	2-3"	76.15	51.40

Economy Micrometers



- .0001" reading
- Carbide measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications
- Includes case

Order no.	Range	List Price	Sale Price
A52-229-201	0-1"	\$39.15	\$23.50
A52-229-202	1-2"	45.85	31.25
A52-229-203	2-3"	56.55	36.40
A52-229-204	3-4"	64.90	41.30
A52-229-205	4-5"	80.10	48.60
A52-229-206	5-6"	94.10	59.80

Digit Counter Micrometer

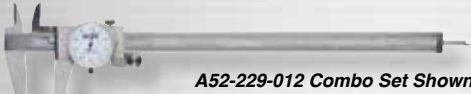


- Digital counter reads to .001".
- Resolution: .0001" (using vernier)
- Microfine graduations on satin chrome
- Carbide tipped measuring faces
- Positive locking nut on spindle
- Sizes over 1" include standard
- Includes case

Order no.	Range	List Price	Sale Price
A52-224-001	0-1"	\$88.40	\$43.50
A52-224-002	1-2"	92.90	55.25
A52-224-003	2-3"	105.85	61.30
A52-224-004	3-4"	116.40	67.00

Micrometer Calibration Set is available on page 35!

Micrometer Set and Caliper Combo



A52-229-012 Combo Set Shown

NEW!



0-4" Micrometer Set Features:

- .0001" reading
- Carbide measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications

6" and 12" Dial Caliper Features:

- 4-way measuring
- Solid stainless steel construction
- Silky smooth movement throughout
- .100" range per revolution
- .001" reading dial face
- Tough shockproof design
- Supplied in shop-hardened case

Order Number	Description	List Price	Sale Price
A52-229-007	NEW 0-4" Micrometer Set and 6" Caliper	\$271.65	\$220.00
A52-229-012	NEW 0-4" Micrometer Set and 12" Caliper	379.00	299.00

Economy Micrometer Sets



- .0001" reading (.01mm on metric set)
- Carbide measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications

Complete in a
"Shop Hardened"
molded case!

Order Number	Range	List Price	Sale Price
A52-229-213	0-3" set	\$141.10	\$99.50
A52-229-214	0-4" set	217.30	121.50
A52-229-220	0-100mm set	217.30	121.50

Digit Counter Micrometer Sets



- Digital counter reads to .001".
- Resolution: .0001" (.01mm on metric set)
- Microfine graduations on satin chrome.
- Carbide tipped measuring faces
- Ratchet thimble
- Positive locking nut on spindle
- Sizes over 1" supplied with standards

Complete in a
"Shop Hardened"
molded case!

Order Number	Range	List Price	Sale Price
A52-224-103	0-3" set	\$294.00	\$182.00
A52-224-104	0-4" set	399.85	201.80
A52-224-220	0-75mm set	294.00	201.80

12 piece Outside Inch Micrometer Set



Fowler micrometers are of the finest quality available, at prices that defy competition. Special care in design and workmanship create a long lasting precision tool.

Features:

- Hammetone blue baked enamel finish
- Microfine graduations on satin chrome finish and carbide tipped measuring faces
- Diameter of measuring faces: .256"
- Graduation: .0001"
- Flatness: .00003"
- Quick, easy zero adjustment on sleeve
- Positive lever locking clamp
- Spindle thread hardened, ground and lapped for ultimate accuracy
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Meets or exceeds Federal accuracy specs
- Includes adjustment wrenches and fitted wooden case for all 12 micrometers



All in a fitted wooden case!

Order Number	Description	List Price	Sale Price
A52-215-012-1	NEW 0-12" Micrometer Set	\$891.50	\$578.00

Poly-Cal® Electronic Caliper *Inch/Metric/Fraction*



INCH • METRIC • FRACTION

Polycarbonate Caliper Includes

- Fractional Measurement
- Easy-To-Read Display
- Lightweight frame

- Range 6"/150mm
- Polycarbonate frame
- Large easy-to-read display
- Resolution .0005"/.01mm (Fractions by 1/64" increments)
- Absolute/Incremental Measurement
- Direct inch/metric/fraction conversion
- 4-way measuring
- Accuracy +/- .008"
- Supplied with clip-on vinyl pouch

Order Number	Description	List Price	Sale Price
A54-101-175	Poly-Cal Electronic Caliper	\$24.60	\$19.50
A54-100-350	CR2032 Battery	5.50	

4" thru 12" Economy Digital Calipers



Improved Design!

NEW!

- Ceramic capacitive sensor
- Stainless steel frame
- Direct Inch/Metric conversion
- Accuracy: .001"/.02mm (4" & 6" models) .0015"/.04mm (8" & 12" models)
- Resolution: .0005"/.01mm
- Large easy-to-read LCD display
- Absolute referencing
- Includes molded case

Order Number	Range	List Price	Sale Price
A54-100-004-2	0—4"/100mm Caliper	\$94.10	\$75.60
A54-100-000-2	0—6"/150mm Caliper	109.75	80.40
A54-100-008-2	0—8"/200mm Caliper	128.80	101.20
A54-100-112-2	0—12"/300mm Caliper	168.00	137.80
A54-100-350	CR2032 Battery	5.50	

Water Resistant IP54 Electronic Calipers



Improved Design!

NEW!



- Water resistant to IP54 specifications
- Stainless steel frame
- Direct Inch/Metric conversion
- Accuracy: .001"/.02mm (6" models)
- Resolution: .0005"/.01mm
- Absolute referencing
- Large easy-to-read LCD display
- 4-way measurement
- Includes molded case

Order Number	Range	List Price	Sale Price
A54-100-777-2	0—6"/150mm Electronic IP54 Caliper	\$123.20	\$95.20
A54-100-712-2	0—12"/300mm Electronic IP54 Caliper	179.20	141.30
A54-100-350	CR2032 Battery	5.50	

Pro-Max Electronic Caliper



Save \$38.00



- Maximum Error: .001"/.02mm
- 4-way measurement, inside, outside, depth and step
- Resolution: .0005"/.01mm
- Repeatability: .0005"/.01mm
- Range: 6"/150mm
- Direct inch/metric conversion
- Temperature range 5 to 40C° working; -20 to 60C° in storage
- Hardened stainless steel construction
- RS-232 output
- Features Absolute/Relative Measuring Modes
- Hold function
- Includes molded case

Order Number	Range	List Price	Sale Price
A54-200-777-1	0—6"/150mm Pro-Max Electronic Caliper	\$157.00	\$119.00
A54-100-350	CR2032 Battery	5.50	

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

XTRA-VALUE CAL Electronic Calipers



- Accuracy: .001"/.02mm (6" models)
- Stainless steel frame
- Large easy-to-read display
- Resolution: .0005"/.01mm
- Direct inch/metric conversion
- Absolute/Incremental Measurement
- 4-way measuring
- Includes molded case

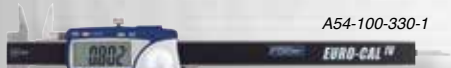


**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

Also available with a
Super Large Display with Hold Feature!

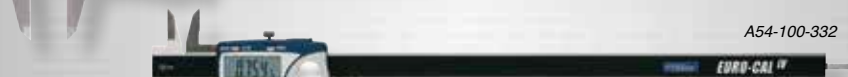
Order Number	Range	Display Type	List Price	Sale Price
A54-101-150-2	6"/150mm	Regular Display	\$45.00	\$31.80
A54-101-600-1	6"/150mm	Super Large Display with hold feature	56.00	37.50
A54-101-200-1	8"/200mm	Regular Display	67.20	56.50
A54-101-800-1	8"/200mm	Super Large Display with hold feature	84.00	63.50
A54-101-300-1	12"/300mm	Regular Display	90.00	88.60
A54-101-900-1	12"/300mm	Super Large Display with hold feature	110.00	83.40
A54-100-350	CR2032 Battery		5.50	

EURO-CAL IV Electronic Calipers



A54-100-330-1

INCH • METRIC • FRACTION



A54-100-332



- Reads in inch, metric & fractions
- Direct inch/metric/fraction conversion
- Absolute/Incremental Measurement
- Water resistant to IP54 standards
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Stainless steel frame
- 4-way measuring
- Includes molded plastic case

Order Number	Description	Accuracy	List Price	Sale Price
A54-100-330-1	6"/150mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	\$111.95	\$76.30
A54-100-331	8"/200mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	132.50	95.60
A54-100-332	12"/300mm Euro-Cal IV Electronic Caliper	±.0015"/.03mm	170.00	126.30
A54-100-350	CR2032 Battery		5.50	

XTRA-RANGE® Electronic Calipers



- Hold feature
- Preset mode now includes offset for inside jaws
- All sizes feature fine adjustment screw
- Resolution: .0005"/.01mm
- Inch/metric conversion
- Includes wooden case
- .500" internal measuring nibs

**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

Order Number	Range	Jaw Depth	Accuracy	List Price	Sale Price
A54-100-312	0—12"/300mm Caliper	3.5"	.002"/.04mm	\$193.75	\$159.50
A54-100-024-1	0—24"/600mm Caliper	4"	.003"/.08mm	282.25	239.40
A54-100-042-1	0—40"/1000mm Caliper	4.9"	.004"/.10mm	1170.35	649.00
A54-100-350	CR2032 Battery			5.50	

Ultra-Cal III Heavy Duty Electronic Caliper

Heavy Duty Ultra-Cal III, made in Germany, combines the Swiss-patented Sylvac non-contact inductive measuring system with output capabilities.



NEW!

Order No.	Length of Bottom Jaws	Length of Top Jaws
A54-100-012	3.2"	1.5"
A54-100-020	5.9"	2.25"
A54-100-212	3.2"	1.3"

- Inside, outside measurements only
- Fine adjustment
- Resolution: .0005"/.01mm
- Repeatability" .0005"/.01mm ±2s
- Incremental floating zero
- Direct inch/metric conversion
- Fast tracking speed of approximately 60"/second
- Combination zero/data/hold button
- Hold feature freezes display for later viewing
- Direct RS232C output
- Frame and jaws are precision ground of hardened stainless steel



Save 10%

Order Number	Range	Overall Accuracy	List Price	Sale Price
Knife Jaws				
A54-100-012	NEW 0-12"/0-300mm	.0015"/.04mm	\$968.00	\$868.00
A54-100-020	NEW 0-20"/0-500mm	.002"/.05mm	\$1584.00	1200.00
Cross Jaws				
A54-100-212	NEW 0-12"/0-300mm	.0015"/.04mm	\$1122.00	1000.00
A54-115-333	RS232 Opto Cable		119.00	

EZ-ID/OD Electronic Gage



NEW!

INCH • METRIC • FRACTION

- 4" to 20"/100 to 500mm capacity
- Inch/Metric/Fraction Conversion
- 4" preset
- Zero set
- Hold function
- Preset measuring depth at 1" or 1.5"
- Resolution: 0.0005"/0.01mm (fractions in 1/64" increments)
- Protected to IP54 specifications
- Beam has vernier scale to double check reading
- Thumblock
- Direct RS232 output
- Includes wooden case



Order Number	Range	List Price	Sale Price
A54-150-020	NEW 4"-20"/100-500mm EZ-ID/OD Electronic Gage	\$360.00	\$299.00
A54-100-350	CR2032 Battery	5.50	

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Heavy Duty Dial Caliper



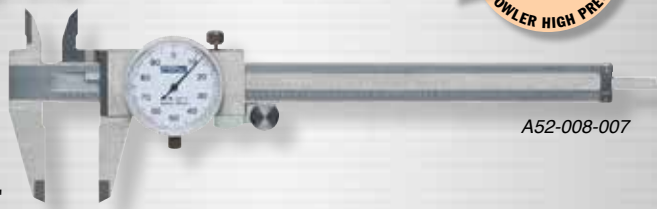
- Graduations: .001"
- Large .100" one-rev dial
- Depth rod
- 4-way measurement
- Cross-jaws for direct internal measurement
- Stainless steel, satin chrome finish
- Includes wood case

Order Number	Range	Jaw Length	List Price	Sale Price
A52-025-108	8" Caliper	2.5"	\$128.25	\$86.50
A52-025-112	12" Caliper	2.875"	186.50	129.50

0-6" Dial Calipers



A52-008-005



A52-008-007

- 4-way measuring
- Covered rack
- .100" per revolution
- Dial graduation: .001"
- Accuracy: ±.001"
- Hardened stainless steel rack
- Supplied in shop-hardened case

Order Number	Dial Face Color	List Price	Sale Price
A52-008-007	White	\$84.55	\$33.50
A52-008-005	Black	84.55	33.50

Extended Range Dial Caliper



- Graduations: .001"
- Stainless steel construction
- Satin chrome finish
- Depth rod
- .500" internal measuring nibs
- Includes fitted case



Order Number	Range	Depth of Jaws	List Price	Sale Price
A52-008-018	18" Caliper	3.125"	\$232.90	\$178.20
A52-008-024	24" Caliper	3.375"	282.25	221.20

Premium Dial Caliper

NEW!



- Four-way configuration for outside, inside, depth and step measurements
- Solid stainless steel construction
- Silky smooth movement throughout
- Dial hand completes one revolution per each .100"
- Thumbroll for rapid setting
- Knurled lock assures precise settings
- Includes fitted case

**Save
30%**

Order Number	Range	Graduation	List Price	Sale Price
A52-008-006-2	NEW 0-6"	0.001"	\$112.20	\$78.50

Machinist Grade Dial Calipers



A52-008-706



A52-008-707



A52-008-714

- 4-way measuring
- Solid stainless steel construction
- Silky smooth movement throughout
- .100"/2mm range per revolution
- .001"/.02mm reading dial face
- Tough shockproof gearing
- Supplied in shop-hardened case

Order Number	Range	Dial Face Color	List Price	Sale Price
A52-008-704	0-4"	White	\$51.50	\$41.20
A52-008-714	0-4"	Black	51.50	41.20
A52-008-706	0-6"	White	70.50	54.20
A52-008-707	0-6"	Black	70.50	54.20
A52-008-709	0-150mm (Metric Model)	Yellow	70.50	54.20
A52-008-708	0-8"	White	88.40	66.20
A52-008-712	0-12"	White	117.05	89.60

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Snap-Cal

Fowler's Inch, Metric & Fraction reading Snap Caliper is ideal for measuring a wide range of materials from metal, plastics and glass to small wires, fibers and paper.

INCH • METRIC • FRACTION



- Range: 0-1.25"/31.5mm
- Resolution: .0005"/.01mm (fractions in 1/64 increments)
- Spring-loaded travel
- Wide faced flat jaw for easy positioning
- Dimensions of fixed jaw: .470" x .900"
- Accuracy: ±.001"/.02mm
- Hardened stainless steel construction
- Direct inch/metric/fraction conversion
- Measuring speed of 60"/second
- Large, high contrast LCD display
- Hanging loop included for attachment to belt or chain



Order Number	Description	List Price	Sale Price
A54-550-000-1	Snap-Cal (includes rugged, saddle leather holster)	\$134.10	\$93.00

XTRA-VALUE Digital Thickness Gage

INCH • METRIC • FRACTION



- Range: 0-1"/25mm
- Robust housing
- Large LCD display
- Reading: .001"/.01mm/1/64ths
- Accuracy: .004"
- Includes 1/8" ball contact, taper point and a long-stem point
- Battery: CR2032
- Three interchangeable points
- Batter life: approximately 1 year



Order Number	Description	List Price	Sale Price
A54-554-830	Xtra-Value Digital Thickness Gage	\$49.95	\$34.50

Toolmakers Universal Measuring Set



- 6" Dial Caliper A52-008-007 (see page 14)
- 0-1" Micrometer A52-229-201 (see page 8)
- 6" Flexible rule, satin chrome, 5R
- All contained in a fitted, shop-hardened case

Order Number	Description	List Price	Sale Price
A52-095-007	Toolmakers Universal Measuring Set	\$138.60	\$82.80

Electronic Caliper & Micrometer Measuring Set



- 6"/150mm Electronic Caliper A54-100-000-2 (see page 11)
- 0-1"/25mm Electronic Micrometer A54-870-001-1 (see page 7)
- Complete with shop-hardened case

Order Number	Description	List Price	Sale Price
A54-004-850	Electronic Caliper & Micrometer Measuring Kit	\$189.20	\$178.90

X-PROOF® Water Resistant Electronic Measuring Set



- Caliper and Micrometer are protected to IP54 standards
- 0-6" /150mm IP54 Electronic Caliper A54-100-777-2 (see page 11)
- 0-1"/25mm IP54 Electronic Micrometer A54-860-001-1 (see page 7)
- Complete with shop-hardened case

Order Number	Description	List Price	Sale Price
A54-004-877	X-Proof Water Resistant Electronic Measuring Set	\$259.60	\$214.60

Premium Water Resistant Electronic Measuring Set



- Caliper and Micrometer are protected to IP54 standards
- 0-6" /150mm Ultra-Cal IV Caliper 54-100-444
- 0-1" IP54 Electronic Micrometer A54-860-001-1 (see page 7)
- 5R grad. EZ-Read steel rule A52-347-006 (see page 40)
- Complete with shop-hardened case

Order Number	Description	List Price	Sale Price
A54-004-854	IP54 Resistant Electronic Measuring Set	\$302.50	\$250.00

X-TREAD[®] Tire Tread Thickness Gage

- Spring-loaded with a hold measurement button for ease-of-use
- Super-large display
- Range: 1"/25mm
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Supplied in vinyl holster



INCH • METRIC • FRACTION



Order Number	Description	List Price	Sale Price
A54-225-500	X-Tread Tire Tread Thickness Gage	\$22.95	\$16.50

XTRA-VALUE[®] Depth Gage

INCH • METRIC • FRACTION



- Spring-loaded and hold measurement button for ease-of-use
- Super-large display
- Travel: 0-1"/25mm
- Range: 0-22"/550mm
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Supplied in shop-hardened case



Order Number	Description	List Price	Sale Price
A54-225-555	X-tra Value Depth Gage	\$55.95	\$40.20

Test Indicator Kit with Universal Holder With Certificate of Calibration

- Auto-reverse.
- Jeweled movement.
- Range: .030"
- Graduation: .0005"
- Dial reading: 0—15—0
- Dial diameter: 1.125"
- Point length: .400"

FREE Universal Holder!***

A52-565-200



TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION

Carbide contact points.

- Includes .080" & .040" contact points, Universal clamp, height gage attachment, 3/8" & 1/4" dovetail clamps in a fitted molded case

- Includes manufacturer's test certificate

*** To receive your free Universal Holder, please fax your proof of purchase to Fowler at: (617) 630-5139

Order Number	Description	List Price	Sale Price
A52-562-999	Test Indicator Kit	\$112.15	\$102.50

XTRA MAG[®] A Versatile Universal and Mag Base Combo!

Mag Base:

- 2 universal ball sockets
- Microfine adjustment screw
- 3-9/16" extension arm
- Dovetail mounting

Virtually unlimited positioning as a Universal Base!

Test Indicator: (A52-562-778)

- Range: .030"
- Reading: 0-15-0
- Jeweled movement
- Graduation: .0005"
- Auto-reversing
- .080" diameter point



2 Xtra
Contact Points
.040" & .120"
w/ purchase

All complete in a shop-hardened case!

Order Number	Description	List Price	Sale Price
A52-585-105	Xtra Mag only	\$51.70	\$37.80
A52-585-100	Xtra Mag with Test Indicator	155.10	107.80

X-Test & Xtra-Mag Combo



X-Test Features: (A52-562-001)

- Range: .060"; Graduation: .0005"
- Dial reading: 0—15—0; 1-1/2" Dial Diameter
- Jeweled movement
- Revolution counter
- Automatic reversal
- 210° Swivel arc
- Tungsten carbide point: .080"

XTRA MAG

Mag Base:

- 2 universal ball sockets
- Microfine adjustment screw
- 3-9/16" extension arm
- Dovetail mounting
- Chuck adaptor



Virtually unlimited positioning as a Universal Base!



2 Xtra
Contact Points
.040" & .120"
w/ purchase

All complete in a shop-hardened case!

Order Number	Description	List Price	Sale Price
A52-562-105	X-Test & Xtra-Mag Combo	\$167.20	\$135.80

Electronic Edge Finders



A54-575-600



A54-575-625



A54-575-650

- Six equally spaced light ports provide visibility at any angle
- Made in the USA
- Edge finder lights instantly when stylus touches work edge
- Repeatability: .0002"
- Works on any conductive metal

Along with light indication, model #A54-575-650 emits an audible "beep" at time of contact.

Order Number	Stylus	Shank	Audible	Battery	List Price	Sale Price
A54-575-600	.200"	1/2"	NO	12 volt	\$28.00	\$22.85
A54-575-625	.200"	1/2"	NO	12 volt	98.75	87.95
A54-575-650	.400"	3/4"	YES	12 volt	98.75	87.95

X-Glide

Lubricant and Protectant

- Specifically formulated for precision tools
- Synthetic lubricant enriched with multiple anti-friction additives
- Sub-micron particle size allows for maximum penetration and durability
- Antistatic additive prevents the attraction of dust and dirt
- Contains no solvents, propellants or flammable gases
- PH neutral
- 2.5 oz. spray bottle

NEW!

Save 25%



Order Number	Description	List Price	Sale Price
A53-885-105	NEW X-Glide	\$10.00	\$7.50

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

X-Test Indicator—TWICE the range of most indicators!



XTEST



- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- 5/32" stem
- Tungsten carbide point: .080"
- Range: .060" inch model
- Range: 1.6mm metric model

Order Number	Description	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
A52-562-001	X-Test Indicator	.0005"	1-1/2"	0-15-0	\$117.55	\$109.95
A52-562-002	X-Test Indicator	.0005"	1"	0-15-0	117.55	109.95
A52-562-003	X-Test Indicator	.001"	1"	0-15-0	117.55	109.95
A52-562-007	X-Test Indicator	.01mm	25mm	0-40-0	117.75	109.95
A52-562-008	X-Test Indicator	.01mm	38mm	0-40-0	117.75	109.95

Vertical X-Test Indicator TWICE the range of most indicators!

- Range: .060"
- Dial reading: 0-15-0
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- 5/32" stem
- Tungsten carbide point: .080"



XTEST

Order Number	Description	Graduations	Dial Diameter	List Price	Sale Price
A52-562-004	Vertical X-Test Indicator	.0005"	1-1/2"	\$128.75	\$109.95
A52-562-005	Vertical X-Test Indicator	.0005"	1"	128.75	109.95
A52-562-006	Vertical X-Test Indicator	.001"	1"	128.75	109.95

X-Test Indicator and Accessory Combo Kit



XTEST

Each Combo Kit Includes:

- X-Test Dial Test Indicator (see above)
- Axial support
- Height gage bar with clamp
- Adaptor sleeve: 5/32" to 3/8"
- Contact point case
- Contact point wrench
- Complete in "Shop Hardened" case.

Order Number	Description	Graduations	List Price	Sale Price
A52-562-100	52-562-001 w/accessories	.0005"	\$172.65	\$155.40
A52-562-110	52-562-002 w/accessories	.0005"	172.65	155.40
A52-562-120	52-562-003 w/accessories	.001"	172.65	155.40

Test Indicators

All Fowler Test Indicators include bi-directional constant clockwise rotation, automatic reversal, three dovetail mountings, jeweled movement, two dovetail clamps and a molded case.



A52-562-775



A52-562-778



Extra Points

.040" .120"

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
A52-562-774	white	.030"	0-15-0	.001"	1"	1/2"	\$105.30	\$62.80
A52-562-778	black	.030"	0-15-0	.0005"	1"	1/2"	111.95	62.80
A52-562-775	white	.030"	0-15-0	.0005"	1"	1/2"	111.95	62.80
A52-562-776	white	.030"	0-15-0	.0005"	1-1/2"	1/2"	117.05	68.80
A52-562-780	black	.030"	0-15-0	.0005"	1-1/2"	1/2"	117.05	68.80



A52-563-772



A52-563-777

Extra Points

.040" .120"

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
A52-563-770	white	.008"	0-4-0	.0001"	1"	1/2"	\$111.95	\$90.40
A52-563-771	black	.008"	0-4-0	.0001"	1"	1/2"	111.95	90.40
A52-563-777	white	.008"	0-4-0	.0001"	1-1/2"	1/2"	111.95	90.40
A52-563-772	black	.008"	0-4-0	.0001"	1-1/2"	1/2"	115.30	90.40



A52-562-784

Extra Points

.040" .120"

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
A52-562-781	white	.020"	0-10-0	.0005"	1"	1-7/16"	\$115.30	\$87.20
A52-562-782	black	.020"	0-10-0	.0005"	1"	1-7/16"	115.30	87.20
A52-562-783	white	.020"	0-10-0	.0005"	1-1/2"	1-7/16"	115.30	87.20
A52-562-784	black	.020"	0-10-0	.0005"	1-1/2"	1-7/16"	115.30	87.20



A52-560-060



A52-563-677

Order Number	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
A52-563-677	white	.080"	0-40-0	.01mm	1-1/4"	1/2"	\$64.90	\$51.90
A52-560-060	white/red	.020"/.05mm	0-10-0/0-.25-0	.0005"/.01mm	1-1/2"	1/2"	88.40	66.30

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

High Precision Dial Gage Stand

Fowler's High Precision Dial Gage Stand is 14" in overall height and is supplied with 2 anvils: flat and serrated.

- Quick positioning and adjustment
- Zero settings with knob for fine adjustment
- Fine adjustment of 5/32"
- Total height of column 14"
- Can hold indicators with stems of 3/8"
- Diameter of column .980"
- Supplied with two 2-3/8" diameter anvils, flat and serrated

NEW!

**Save
20%**

Order No.	Description	List Price	Sale Price
A52-580-014	Dial Gage Stand w/2 anvils	\$166.10	\$132.00



INDI-X^{blue}

Electronic Indicators

Now available in .5"/12.5mm & 1"/25mm ranges!

INCH • METRIC • FRACTION™

- Direct Inch/Metric Conversion
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point



**Low Cost,
High Quality,
Multi-Function
Indicators**

Carbide-tipped point!

Order Number	Description	List Price	Sale Price
A54-520-250	1"/25mm Indi-X Blue Electronic Indicator	\$94.00	\$58.50
A54-520-260	1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction Electronic Indicator	96.25	61.50
A54-520-255	.5"/12.5mm Indi-X Blue Electronic Indicator	87.30	51.50



HOLDXTEC[®]

Holding Systems

NEW!



A52-585-085
(Indicator not included)



A52-565-036
(Indicator not included)

A52-565-038
(Indicator not included)



MACHINIST GRADE!
For MAXIMUM Precision

Features:

- All accept 3/8" indicators
- Mag base and HOLD-TEC with fine adjust also accepts 8mm indicators
- All have dovetail clamps for test indicators
- Mag base features 2 fine adjusts making it **6-Axis Mag Base**
- HOLD-TEC can be mounted in drill chucks, collets, dial gage stands with 8mm mount diameter to make a quick transfer stand
- Mag base has 180 lb. pull
- Adjust to any position
- Powerful On/Off mag base
- Central locking system

Order Number	Description	List Price	Sale Price
A52-585-085	NEW HOLD-Tec Mag Base with Double Fine Adjust	\$147.30	\$125.00
A52-565-036	NEW HOLD-Tec without Fine Adjust	82.70	75.00
A52-565-038	NEW HOLD-Tec with Fine Adjust	89.90	80.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

INDI-MAX

Electronic Indicators

INCH • METRIC • FRACTION

- Direct Inch/Metric Conversion
- IP54 Coolant & fluid resistant
- Auto Off feature
- 2-1/4" dial face
- 3/8" stem - 4-48 thread
- Resolution .00005"/.001mm
- Accuracy .00016"/.004mm (to 1")
- Tolerance indicators
- Absolute/incremental reading
- Lugback supplied on 1/2" model.
- Lugbacks for 1" and 2" models, 52-525-605
- Floating zero
- Carbide tipped point

FREE Point Set



A52-525-222

Protected to:
IP54
COOLANT & FLUID
RESISTANT



0-5"



0-1"



0-2"

Carbide-tipped points!



Fowler X-SERIES, Inc.

Order Number	Description	List Price	Sale Price
A54-520-305	.5"/12.5mm Indi-Max Electronic Indicator with point set	\$329.00	\$279.30
A54-520-310	1"/25mm Indi-Max Electronic Indicator with point set	369.00	319.20
A54-520-320	2"/50mm Indi-Max Electronic Indicator with point set	479.00	429.60
A54-100-350	CR2032 Battery	5.50	
A54-520-399	Absolute data cable	139.00	

UltraTast Test Indicators

Horizontal Test Indicators

- Box-type housing opens on one side only.
- Bottom and side walls are one piece construction which encloses and protects the movement from shocks and damage.
- Self-contained movement
- Jeweled movement bearings, precision gears and pinions for maximum sensitivity and accuracy
- Satin-chrome finish is corrosion proof
- Stylus: ball diameter .080"/2mm
- Swivel range 220° on all models
- Includes 1/4" & 5/16" Dovetail clamps



NEW!

Save \$40.00 or more on all Models!

Order No.	Reading	Measuring Range	Dial Diameter	Stylus Length	Measuring Force
A52-568-005	.0005"	±.015"	1.083"	.453"	0.15N
A52-568-010	.0005"	±.015"	1.50"	.453"	0.15N
A52-568-015	.0001"	±.004"	1.50"	.453"	0.15N
A52-568-022	.0005"	±.015"	1.083"	1.417"	0.07N

Order Number	Description	List Price	Sale Price
A52-568-005	NEW UltraTast Horizontal Test Indicator	\$121.00	\$80.00
A52-568-010	NEW UltraTast Horizontal Test Indicator	137.50	90.00
A52-568-015	NEW UltraTast Horizontal Test Indicator	176.00	120.00
A52-568-022	NEW UltraTast Horizontal Test Indicator	196.90	130.00

Height Transfer and Squareness Gage

A PERFECT match for UltraTast Indicators!

- Used for a variety of surface plate applications
- Large fine adjustment knob for precise control
- Swivel clamp anchors swivel and indicator for added accuracy
- Rear surface of the gage has a reference surface to square against a master for checking squareness
- Includes a 7.5" post, indicator rod and clamp



Indicator and standard shown not included

Save 30%

Order Number	Description	List Price	Sale Price
A53-620-010	Height Transfer and Squareness Gage	\$286.00	\$199.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

CHROME FLEX MAG SET

With **INDI-X Blue** Electronic Indicator or AGD Black face Indicator

Indi-X Blue Indicator features:

- Direct Inch/Metric Conversion
- 1"/25mm travel
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Included Magnetic Indicator Back for mounting to most metal surfaces!

**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION



Flex Arm Mag Base features:

- Corrosion resistant chrome plated flex arm
- 85 lb. pull magnet
- Holds rigidly in almost any position
- V-base for mounting on rounded surfaces

Magnetic Indicator Back features:

- Use for positioning indicator on most metal surfaces
- Protective coating

AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- Carbide tipped point

All in a shop-hardened case.

See the Indi-X Blue on page 22!

Order Number	Description	List Price	Sale Price
A54-585-100	Chrome Flex Mag and Indi-X Blue Electronic Indicator Set	\$230.95	\$125.00
A52-585-500	Chrome Flex Mag and AGD Black Face Indicator Set	173.25	123.00

Fine Adjust Mag Base Set

With **INDI-X Blue** Electronic Indicator or AGD White face Indicator

Indi-X Blue Indicator features:

- Direct Inch/Metric Conversion
- 1"/25mm travel
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Included Magnetic Indicator Back for mounting to most metal surfaces!



Magnetic Base features:

- 85 lb. pull
- Fine adjustment.
- V-bottom base

Save 50%
A52-585-125 model ONLY

Magnetic Indicator Back features:

- Use for positioning the indicator on most metal surfaces.
- Protective coating

AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- Carbide tipped point

All in a shop-hardened case.

See the Indi-X Blue on page 22!

Order Number	Description	List Price	Sale Price
A54-585-075	Fine Adjust Mag Base Set with Indi-X Blue Electronic Indicator Set	\$196.35	\$145.00
A52-585-125	Fine Adjust Mag Base with AGD White Face Indicator Set	\$150.15	70.00

Articulating Mag Base and Indicator Combo



Articulating Mag Base

- Adjust in almost unlimited ways
- Fine adjust
- 85 lb. pull
- V-slot on base for mounting on rounded surfaces

Set includes Shop-hardened case!

Can be set up in almost unlimited positions!

AGD Indicator

- 1" travel
- Continuous reading: 0-100
- Reading: .001"
- AGD group 2, 2-1/4" dial diameter
- Revolution counter
- Tolerance markers
- Lug Back mount
- Carbide point

Save 40%

Order Number	Description	List Price	Sale Price
A52-585-150	Articulating Mag Base & Indicator Combo	\$164.95	\$98.50
A52-585-008	Articulating Mag Base ONLY	89.55	53.00

XTRA-SURF Surface gage with a built-in Switchable Magnetic Base



All in a Shop-Hardened Case!



- Set includes 3-1/8" x 2-1/16" permanent magnetic base with on/off switch, fine adjustment on base and a 5/16" x 9" upright
- .0005" test indicator No. A52-562-778 (see page 21) with .040", .080" & .120" contact points
- Swivel clamp to mount indicator
- Two dovetail stems: 5/32" & 3/8"
- A 4" hardened scriber
- Form fitted shop-hardened case for easy accessibility and storage



Order Number	Description	List Price	Sale Price
A52-155-747	Xtra-Surf	\$213.40	\$122.50
A52-155-743	Xtra-Surf without indicator	105.85	91.50

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

QuadraTest Unmatched versatility and ease!

Multimode Electronic Test Indicator

Fowler's QuadraTest offers unrivaled measuring versatility in an Electronic Test Indicator.

- 4 Measuring Resolutions!

Resolution	Smallest Division
0—40—0	.0005"
0—40—0	.00005"
0—1—0	0.01mm
0—1—0	0.001mm

- 4 Measuring Modes!

Min, Max, TIR and Direct

- True Inch/Metric conversion
- Water, oil and coolant resistant to IP65!
- 1-1/2" diameter dial face rotates a full 360°
- Bar graph and numeric digital display
- Meets or exceeds DIN/ISO Standards
Maximum error on .00005" scale at full range: .0004"
- .080" contact ball diameter



Order Number	Contact Point Length	List Price	Sale Price
A54-562-777	1/2"	\$210.00	\$190.00
A54-562-888	1-7/16"	310.00	289.00
A54-115-528	Power USB Cable	220.00	
A54-100-350	CR2032 Battery	5.50	

Mini-Resistant Indicators

MOISTURE & WEAR RESISTANT!

- Coolant, water & oil resistant to IP65 specifications!
- Inductive, non-contact measuring system!
- Tough carbide contact point!
- Range: 0—.5"/12.5mm
- High contrast LCD display
- Floating zero
- Preset & Hold features
- Dual measuring references
- Dovetail back with adjustable lug
- 1.575" diameter bezel
- 3/8" mounting stem



Order Number	Description	Accuracy	Resolution	List Price	Sale Price
A54-520-680-2	Indicator with analog scale	.0005"/.01mm	.0005"/.01mm	\$369.00	\$345.00
A54-520-680-3	Indicator with analog scale	.0002"/.005mm	.00005"/.001mm	512.00	497.00

Sylvac S_Dial One Electronic Indicators



Features

- IP67 protection even with cable
- Robust construction
- Removable lifting lever included on all models
- Menu customizable with free software
- Direct inch/metric conversion
- High contrast LCD display
- Lugback included



A54-530-134



A54-530-154



A54-530-174



Order Number	Range	Maximum Error	Resolution	List Price	Sale Price
A54-530-124	0-500"/12.5mm	.0004"/.01mm	.0005"/.01mm	\$285.00	\$265.00
A54-530-134	0-500"/12.5mm	.0002"/.005mm	.00005"/.001mm	365.00	340.00
A54-530-144	0-1"/25mm	.0004"/.01mm	.0005"/.01mm	310.00	295.00
A54-530-154	0-1"/25mm	.00024"/.006mm	.00005"/.001mm	385.00	360.00
A54-530-164	0-2"/50mm	.0008"/.02mm	.0005"/.01mm	525.00	499.00
A54-530-174	0-2"/50mm	.00032"/.008mm	.00005"/.001mm	610.00	575.00
A54-115-444	RS Power Data Cable Serial			157.00	
A54-115-528	RS Power Data Cable USB			220.00	

Hi_Gage One



- Direct RS-232 output
- The Sylvac measuring system is exceptionally fast (60" per second traverse) and is the most reliable and maintenance free system ever created for measurement
- True inch/metric conversion
- Resolution: .0005"/.01mm
- Repeatability: .0004"/10µm
- Base size: 5.6" wide x 6.8" length
- Accuracy .001"
- Includes scriber/measuring probe
- **Scale not affected by oil, dust, chips, magnetism, shock, etc.**

***Receive a FREE 8mm Ball Probe with Purchase!**



Hi_Cal Height Gage



Save \$400

- Measuring range: 12"/300mm
- Accuracy: .00016"/.0042 µm
- Extra low measuring force, from 0.2N
- Measurement of internal and external diameters, centerlines, heights, widths, depths, surfaces
- MIN/MAX/TIR capability
- Excellent repeatability thanks to the motorized carriage
- Intuitive functions/minimizes key strokes
- Great mobility
- High reliability
- Data output USB and RS-232
- Battery life: 40 hours rechargeable during operation
- Touch sensitive probe speed for easy operation
- Base with small footprint

Includes: protective cover, charging set, ruby ball probe Ø3mm, setting gage and calibration certificate.



Order No.	Range	List Price	Sale Price
A54-212-024-1	24"/600mm	\$1725.00	\$1399.00

Order No.	Range	List Price
A54-931-300	12"/300mm	\$4699.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.



Closeout Sale!

Ultra-Digit Mark IV & V Electronic Indicators



sylvac
of Switzerland



**ONCE THEY'RE
GONE
THEY'RE GONE!**

Features:

- Inductive measuring system
- Inch/mm conversion
- Floating zero
- Preset functions
- Direct RS232 output
- Resolution .00005"/.001mm (except for A54-520-905)
- Display rotates 270°

Order Number	Description	List Price	Sale Price
A54-520-790	Mark IV 0-.500"/12.5mm	\$559.00	\$475.00
A54-520-791	Mark IV 0-.500"/12.5mm w/8mmØ stem, M2.5 thread	575.00	450.00
A54-520-792	Mark IV 0-2"/50mm	1141.00	900.00
A54-520-794	Mark IV 0-4"/100mm	1305.00	1100.00
A54-520-796	Mark IV 0-6"/.00005"	1747.00	900.00
A54-520-876	Mark V 0-.500"/12.5mm w/8mmØ stem, M2.5 thread	648.00	525.00
A54-520-900	Mark V for cylinder bore gages only, 1/2" travel	648.00	525.00
A54-520-905	Mark IV 0-6"/.0005"	1978.00	1200.00

Economy Depth Micrometers

**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

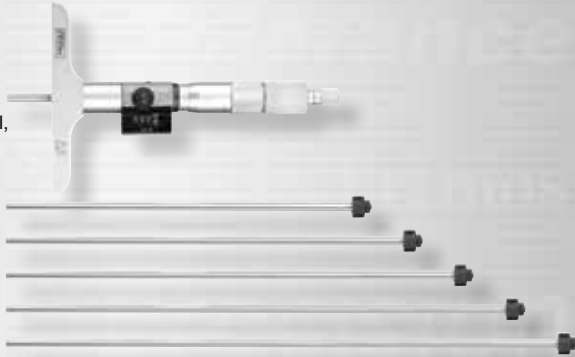


- Satin chrome finish
- Base surface hardened, ground & lapped
- Ratchet thimble
- Locking clamp
- .001" Graduation
- Rod diameter: .176"
- Includes shop-hardened case.

Order Number	Range	Graduation	Base	List Price	Sale Price
A52-225-110	0—4"	.001"	2.5"	\$112.60	\$99.80
A52-225-112	0—6"	.001"	2.5"	136.80	122.60
A52-225-114	0—4"	.001"	4"	119.30	107.00
A52-225-116	0—6"	.001"	4"	142.50	136.50

Economy Digit Counter Depth Micrometer

- Easy-to-read digit counter
- Microfine .001" graduations
- 4" base constructed of tool steel, hardened and ground
- Satin chrome finish
- Ratchet thimble
- Locking clamp
- Rod diameter: .176"
- Includes wrench and fitted case



Order Number	Range	Graduation	Base	List Price	Sale Price
A52-225-176	0—6"	.001"	2.5"	\$141.05	\$132.00
A52-225-226	0—6"	.001"	4"	152.90	140.00

IP54 Electronic Depth Micrometers



Protected to:
IP54
water, oil & fluid
RESISTANT

- Resolution: .00005"/.001mm
- Range: 0—6"/150mm
- Hardened tool steel, precision ground and microlapped 4" base
- Rod diameter: .176"
- Protected to IP54 standards
- Direct RS232 output
- Automatic switch off
- Large LCD display
- Includes fitted case



Order Number	Description	List Price	Sale Price
A54-225-456	0—6"/150mm Electronic Depth Micrometer	\$199.90	\$162.95

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Planer and Shaper Gage

NEW!

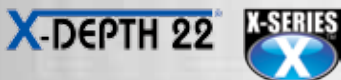


- Base and slide are beveled to provide accurate alignment and parallelism
- Base and slide are hardened
- Supplied with 1" and 3" extension posts, maximum height 6-1/4"
- Precision level ensures accuracy
- Platform has extra tapped holes to accommodate post for dial indicators and other accessories
- Fitted wood case

Save over 40%

Order Number	Range	Base Size	Extensions	List Price	Sale Price
A52-460-005	1/4" to 6-1/4"	3/4" x 5"	1" and 3"	\$341.00	\$199.00

0-22" Depth Gage



Twice the range of competitive products!

- 0—1" travel indicator
- .001" Graduations
- Rods connect together for full 22" capacity
- Satin chrome finish
- Base size: 4"
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long
- Includes shop-hardened case



**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

Order Number	Description	List Price	Sale Price
A52-125-006-1	0—22" Depth Gage	\$170.25	\$101.20

X-DEPTH 22 0-22" Electronic Depth Gage



Save 30%

- 0-1" travel electronic indicator
- Zero reset at any position
- On/off button
- Relative/absolute measuring
- Bottom surface of the base is hardened, ground & lapped
- Full 22" range
- Resolution .0005"/.01mm
- Hold feature
- 4" Base
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long
- Includes shop-hardened case

Order Number	Description	List Price	Sale Price
A54-125-777	0—22" Electronic Depth Gage	\$229.55	\$158.20

XTRA-RANGE[®] Inside Micrometer

- Range: .2—2.2"
- Satin chrome finish on barrel and thimble
- Microfine graduations (.001") on a satin chrome finish permit easy reading
- Accuracy: $\pm .0002$ " (.005mm)
- Ratchet stop thimble
- Easy zero adjustment on the sleeve
- Meets or exceeds Federal accuracy specs
- Includes a setting ring
- Includes a spanner wrench and a fitted case



Includes setting ring!

RANGE: .2" to 2.2"!

Order Number	Description	Range	List Price	Sale Price
A52-275-005	Inside Micrometer	.2 - 2.2"	\$146.70	\$121.50

Back Plunger Indicator Set



NEW!

- Universal Test Set is simple, reliable, easy to use, and eliminates checking problems
- Set includes G clamp, tool post base, vertical rod, swinging arm, ball anvil, 1/2" anvil, thumb clamp and 11/32" standard anvil.
- Back plunger indicator is fully jeweled

Order Number	Dial Dia.	Graduations	Dial Reading	Range	List Price	Sale Price
<i>Complete Set (Deluxe)</i>						
A52-570-010	1-1/2"	.001"	0-100	.100"	\$143.00	\$120.00
<i>Indicator ONLY (Deluxe)</i>						
A52-570-011	1-1/2"	.001"	0-100	.100"	68.20	56.00

Ultra-Cal III Electronic Groove & Recess Gage



NEW!

Special Low-Price!

Limited Quantities!

- Direct RS-232 output
- External measurement 0-12" depending on accessories
- Internal measurement 1-13/16"—13-1/2" depending on accessories
- Resolution: .0005" (.01mm)
- Accuracy: $\pm .0015$ " (.04mm)
- Sylvac capacitive measuring system
- Measures rotors and brake drums
- Two preset memories
- Inch/metric conversion
- Interchangeable anvils for inside/outside measurement
- Includes flat and point style contacts & battery
- Uses 4-48 thread contact points
- 4.5" Jaw length

Order Number	Description	List Price	Sale Price
A54-150-012	NEW 0-12" Ultra-Cal III Electronic Groove & Recess Gage	\$1149.50	\$650.00
A54-115-333	RS-232 Cable	119.00	

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

33

Dial Bore Gage Sets with Carbide Anvils

Carbide anvils

- Easy-to-read
- Economical
- Graduation: .0005"
- Chrome plated handle
- Insulated grip
- Includes extension holder and fitted case



A52-646-300



A52-646-100

Order Number	Description	Range	List Price	Sale Price
A52-646-100	Dial Bore Gage Set	.7—1.5"	\$139.10	\$103.20
A52-646-300	Dial Bore Gage Set	2—6"	114.95	103.20

Extender 1.4" to 6" or 35 to 160mm Dial Bore Gage Set



with Carbide Anvils
Industry's two most popular bore gage ranges combined in one set!

Carbide Anvils

- Easy-to-read
- Economical
- Graduation: .0005" or .01mm
- Insulated grip
- 1.4" to 6" range or 35 to 160mm
- Chrome plated handle
- Includes extension holder and fitted case



Order Number	Description	List Price	Sale Price
A52-646-400	Inch X-Tender Bore Gage Set	\$174.80	\$124.60
A52-646-220	Metric X-Tender Bore Gage Set	193.15	135.20

Extender-E Electronic 1.4" to 6" Dial Bore Gage Set



Industry's two most popular bore gage ranges combined in one easy-to-use ELECTRONIC set!



All the same benefits included in the X-Tender Dial Bore Gage are now available with an electronic indicator providing inch/metric reading capability. Preset size of master for absolute reading and minimum hold feature to lock on the bore size as the gage is rocked in the part to be measured.



Bore Gage Features:

- Range: 1.4"-6"/35mm-150mm
- Carbide anvils
- Easily adjustable
- Self-centering
- Includes extension holder
- Shop hardened case

Indicator Features:

- Dual reading inch/metric electronic indicator
- Bar graph and numeric digital display
- Resolution: .00005"/.001mm
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR

Includes FREE Instructional CD!



For instructional video search "X-tender Bore Gage" at www.youtube.com

Order Number	Description	List Price	Sale Price
A54-646-401	XTender-E Bore Gage Set	\$301.90	\$265.80
A54-100-350	CR2032 Battery	5.50	

Bore Gage Setting Master Kit - Inch & Metric

Fowler's Bore Gage Setting Master Kit is used for accurately setting any bore gage up to 6"/150mm in diameter to an accuracy of .0001"/.003mm.

Each Set includes:

Setting Device

- Base anvil: 2.750" x .80"
- Adjustable anvil 2.375" x .375" (two each)
- Internal capacity: 6"/150mm
- Depth capacity: 1"/25mm
- Centralizer capacity width: 2.625"/66.7mm
- Quick-release holder for fast adjustment
- **Can also be used for external setting, depending on application (external mics, snap gages, caliper gages)**

Economy Gage Block Sets

Inch model:

- 36 piece
- Tolerances to .00005"
- Certificate of Calibration to N.I.S.T.

Metric model:

- 33 piece
- AS-2 grade
- Certificate of Calibration to N.I.S.T.

Includes:
Bore gage setting master and gage block set.
All in a custom-fitted aluminum case!



Order Number	Description	List Price	Sale Price
A53-646-000	Inch Bore Gage Setting Master Kit	\$275.00	\$198.95
A53-646-010	Metric Bore Gage Setting Master Kit	\$295.00	\$259.80

Caliper, Micrometer & Snap Gage Checking Set

Fowler's setting master is quick, easy and extremely accurate. It comes with a certificate of calibration and a fitted aluminum case. Save time and money by calibrating your own measuring tools quickly and easily.

Set Includes:

- Calibration certification traceable to N.I.S.T. standards
- Stand height: 12.5"
- 9 pc. Grade AS-0 gage block set (sizes: .625", .100", .125", .200", .250", .300", .500", 1.000" & 2.000")
- Certificate of calibration is traceable to N.I.S.T. standards & provides the individual deviation of each block
- Optical flat (flatness: .000004" ; Parallelism: .00002")
- 4.0mm ball end T-handle hex wrench



NEW!

Worn blocks can be easily replaced!



Order Number	Description	List Price	Sale Price
A53-813-001-1	Complete Caliper, Micrometer and Snap Gage Checking Set	\$303.21	\$272.37
A53-813-002-0	NEW Mic Checker without Blocks	145.00	\$119.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Quick Check

Multi-Function Check Standard

NEW!



- One compact, multi-function, precise standard
- Can be used to check and verify a multitude of measuring instruments
- Checks calipers, micrometers, depth gages, bore gages, test and dial indicators, caliper gages, height gages, protractors, combination sets and more
- Supplied with a manufacturer's test certificate and fitted wood case
- All sizes marked are actual



Order Number	Description	List Price	Sale Price
A53-813-015	NEW Quick Check Multi-Function Check Standard	\$1490.00	\$1375.00

Large Square Gage Blocks

NEW!

- Grade Ø
- NIST Traceable
- Vertically more stable than rectangular blocks
- Large sizes help eliminate block stacks
- Meets or exceeds Federal Specifications ASME B89.1.9-2002



Order Number	Description	List Price	Sale Price
A53-676-216	NEW 5" Large Square Gage Block	\$209.00	\$190.00
A53-676-218	NEW 6" Large Square Gage Block	251.00	235.00
A53-676-220	NEW 7" Large Square Gage Block	288.00	273.00
A53-676-222	NEW 8" Large Square Gage Block	340.00	320.00
A53-676-224	NEW 10" Large Square Gage Block	473.00	450.00
A53-676-226	NEW 12" Large Square Gage Block	526.00	500.00
A53-676-228	NEW 16" Large Square Gage Block	790.00	750.00
A53-676-230	NEW 20" Large Square Gage Block	921.00	870.00

XTRA-VALUE 9" Electronic Level

Fowler's 9" Laser Level provides instant 4 x 90° digital inclination display. With embedded magnets on its measuring surface, a beamsplitter projects a 90° laser cross hair for leveling at-a-distance. It also includes a 1/4-20 mount for tripod use.

- Measuring range: 4 x 90°
- Resolution: .05°
- Accuracy: ±.2°
- Repeatability: ±.05
- Standard 9 volt battery (250 hours life)
- Dimensions: 9"L x 1"W x 2-1/4"H
- Includes two-way level and plumb vials
- Reversible reading for inverted use



Order Number	Description	List Price	Sale Price
A54-440-600	Xtra-Value 9" Electronic Level	\$67.15	\$55.99

mini-MAG Protractor



Dimensions:

L: 2.375" x W: 1.375" x H: 2.375"

The mini-MAG Protractor provides instant 360° digital inclination display of any angle with the additional unique feature of embedded magnets on both sides and the bottom which make it ideal for a variety of measurements.

- Embedded magnets with 3.5lb. pull
- Uses standard 9V battery (250 hrs.)
- Measuring range: 360° (4 x 90°)
- Display automatically inverts
- Resolution: .05°
- Accuracy: ±.2°
- Repeatability: .05°
- Hold feature



Display inverts for easy reading!

Order Number	Description	List Price	Sale Price
A54-422-450-1	Mini-Mag Protractor	\$89.55	\$69.50

Fowler Digi-Pro Electronic Protractor

The Digi-Pro electronic protractor includes embedded magnets for unique measurement areas. On/Off, Zero, Hold and Reverse feature to invert the display for easier reading in certain situations.

- Embedded 25 lb. pull magnets
- Full, 360° measuring range
- Accuracy: ±.2°
- Repeatability: ±.05°
- Resolution: .05°
- Invertible display feature
- Voltage: Standard 3V lithium battery



USE THE DIGI-PRO TO MAKE FAST AND ACCURATE ANGULAR MEASUREMENTS!

Order Number	Description	List Price	Sale Price
A54-440-740-1	4" Digi-Pro Electronic Protractor	\$82.50	\$62.80
A54-440-775-1	12" Digi-Pro Electronic Protractor	98.95	67.80
A54-100-350	CR2032 Battery	5.50	

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

12" Telescoping Gage

Another great tool for easy and accurate measurements. Under spring tension, the plungers of the gage expand from the center to the size of the hole being measured and are then locked in place using the knurled knob. Final hole size is obtained by measuring over the contacts with a micrometer or vernier caliper.

12" Reach!

- Contact points are constructed of hardened tool steel, precision ground.
- Double action rigid handle with self-centering feature for quick checking of inside measurements
- Constant spring tension for uniform feel
- **Covers a measuring range of 5/16" to 6" with measurable depths of 12"**
- Includes fitted vinyl case



NEW!

Order Number	Description	List Price	Sale Price
A52-470-007	NEW 12" Telescoping Gage Set	\$119.00	\$78.50

COAX-2D 2 Dimensional Coaxial Indicator Sets

Use the 2D Coaxial Set for accurate component centering and positioning in most machining applications. The 2D Coaxial indicator can be used at any angle and the dial remains stationary during the rotation of the machine spindle.

Features:

- Indicator assembly with 1.6" (42.5mm) diameter dial
- Graduations and revolution counter .0005" (.01mm)
- 3 Internal and 3 External feelers
- Center point feeler
- Restraining arm
- Complete in a fitted case

**TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION**



GREAT SHOP TOOL!

Specifications:

- Length: 6-7/8" (175mm)
- Shank: 3/8" dia. x 7/8" (10mm x 20mm) long
- Feeler ball: 1/8" (3mm) dia.
- Dial readings: 0-50
- Measuring range: .250" (6mm) axis offset
- Speed—recommended not to exceed approx. 800 RPM
- Locating accuracy to within .0002" (.005mm) of true center
- Capacity depends on feelers installed, but overall range is 5/32-12" (4-300mm) internal diameter; 0-12" (0-300mm) external diameter



Order Number	Description	List Price	Sale Price
A52-710-025	2D Coaxial Set-Inch	\$223.10	\$166.80
A52-710-030	2D Coaxial Set-Metric	223.10	166.80

Thickness Gages

- Each leaf of the thickness gage made of fine tempered steel, hardened
- The exact thickness is marked on each leaf
- Steel case with lock nut
- Meets U.S. Federal Specifications

NEW!



Order Number	Description	List Price	Sale Price
A52-485-006	NEW Tapered Thickness Gages-Inch.26 Leaf Set: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024" and .025". Length: 3"	\$14.00	\$11.99
A52-485-010	NEW Tapered Thickness Gages-Metric. 20 Leaf Set: 0.05mm, 0.10mm, 0.15mm, 0.20mm, 0.25mm, 0.30mm, 0.35mm, 0.40mm, 0.45mm, 0.50mm, 0.55mm, 0.60mm, 0.65mm, 0.70mm, 0.75mm, 0.80mm, 0.85mm, 0.90mm, 0.95mm and 1mm. Length: 100mm.	\$17.60	\$9.99

Screw Pitch Gages

NEW!



Screw Pitch Gage A52-485-015



Screw Pitch Gages

- Narrow designed blades permit use for internal and external screw threads
- Locking device at each end to secure all blades for storage or position
- Correct pitch is determined by matching blade teeth with threads
- Precisely ground and finished
- Blades marked with thread size

Acme Screw Pitch Gage A52-485-030

Acme Screw Pitch Gage (29° angle)

- Made of fine stainless steel. Each blade is 3-1/2"/90mm long and .03"/.8mm thick

Order Number	Description	List Price	Sale Price
Inch Series			
A52-485-015	NEW Screw Pitch Gage with 30 blades: 4 to 42 pitch standard V thread	\$10.45	\$7.99
Metric Series			
A52-485-020	NEW Screw Pitch Gage with 24 blades: 0.25mm to 6.0mm	10.45	7.99
Acme Series			
A52-485-030	NEW Acme Screw Pitch Gage with 16 blades (1, 1-1/3", 1-1/2", 1-3/4", 2, 2-1/2", 3, 3-1/2", 4, 5, 6, 7, 8, 9, 10 & 12 pitch)	91.30	85.00

Thread Measuring Wire Set

NEW!

- Thread Measuring Wires include 48 wires in sixteen different sizes
- Accuracy for sizes .018" through .108" is within +0 / -.0004"; sizes .120" through .185" is within +0 / -.0005"
- Measures all U.S. 60° threads from 3-48 threads per inch
- Laminated conversion chart for 60° U.S and metric threads is included



Order Number	Description	List Price	Sale Price
A52-485-048	NEW Thread Measuring Wire Set: 48 Wires	\$28.00	\$19.99

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Rules

EZ-Read Black Face Rules

- Hardened stainless steel
- White easy-to-read micro-fine graduations against a black, non-glare finish



Satin Chrome Rules

- Tempered steel
- Non-glare
- Sharp, easy-to-read microfine graduations

GRADUATIONS

4R: 8ths, 16ths, 32nds, 64ths
5R: 32nds, 64ths, 10ths, 100ths

Golden Rules

- Titanium coated for superior wear resistance
- Non-glare finish=RC80
- Scratch resistant microfine graduations with excellent clarity and contrast



RIGID STEEL RULES

Order Number	Finish	Size	Reading	List Price	Sale Price
A52-330-006	Satin Chrome	6"	4R	\$9.90	\$8.60
A52-337-006	Black	6"	4R	8.35	6.25
A52-339-006	Golden	6"	4R	20.60	17.25
A52-330-012	Satin Chrome	12"	4R	17.20	14.60
A52-337-012	Black	12"	4R	17.20	10.70
A52-339-012	Golden	12"	4R	39.55	33.80
A52-340-006	Satin Chrome	6"	5R	9.50	7.55
A52-347-006	Black	6"	5R	8.35	6.25
A52-349-006	Golden	6"	5R	20.60	17.25
A52-340-012	Satin Chrome	12"	5R	15.60	14.60
A52-347-012	Black	12"	5R	17.20	10.95
A52-349-012	Golden	12"	5R	39.55	33.80

FLEXIBLE STEEL RULES

Order Number	Finish	Size	Reading	List Price	Sale Price
A52-295-006	Satin Chrome	6"	4R	\$9.50	\$7.05
A52-297-006	Black	6"	4R	7.80	5.75
A52-299-006	Golden	6"	4R	20.30	17.70
A52-295-012	Satin Chrome	12"	4R	14.60	13.00
A52-297-012	Black	12"	4R	12.00	9.90
A52-299-012	Golden	12"	4R	36.40	31.20
A52-300-006	Satin Chrome	6"	5R	9.50	7.05
A52-307-006	Black	6"	5R	7.80	5.75
A52-309-006	Golden	6"	5R	20.30	17.70
A52-300-012	Satin Chrome	12"	5R	14.60	13.00
A52-307-012	Black	12"	5R	12.00	9.90
A52-309-012	Golden	12"	5R	36.40	31.20

6"/150mm Pocket Steel Rule



- Rounded edge prevents damage to shirt pocket
- Rule width: .470"
- Inch graduations are in 64ths
- Rule thickness: .021"
- Metric scale is in 1mm increments



Order Number	Description	List Price	Sale Price
A52-380-100	6"/150mm Pocket Steel Rule	\$6.25	\$4.95

X-BLOX® V-Block Set

2 each @:

- Dimensions: 1-1/2" L x 1-1/4" W x 1-1/4" H.
- Work capacity: Approximately 1"

2 each @:

- Dimensions: 2" L x 1-1/2" W x 1-1/2" H.
- Work capacity: 1-1/2"

All feature:

- Surfaces are square and parallel within .0005"
- V-grooves are square and parallel with all surfaces within .0005"
- Corresponding dimensions for each pair are alike within .0005"
- All enclosed in shop-hardened case



Order Number	Description	List Price	Sale Price
A52-475-500	X-Blox V-Block Set	\$103.50	\$85.00

1-2-3 & 2-4-6 Blocks



- 23 holes for easy clamping
- Sold in pairs
- Useful in layout & grinding work
- Accuracy: ±.0002"/1"
- Matched accuracy: ±.0002"

Order No.	Description	List Price	Sale Price
A52-439-031	1-2-3 Blocks	\$84.55	\$30.00
A52-439-246	2-4-6 Blocks	199.50	150.00

Steel 1-2-3 Blocks



Save over **50%**

- Tolerance: .0001" (squareness per inch)
- Dimensions: 1" x 2" x 3"
- Hardened to 58-60 Rockwell C.
- Matched accuracy within ±.0002"

Order No.	List Price	Sale Price
A52-439-001	\$129.35	\$55.00

SHOP-BLOX® Rectangular Gage Block Set

- Manufactured to meet N.I.S.T. Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks
- Certificate of Calibration traceable to N.I.S.T.
- Tolerances to ±.00005"
- In high-quality fitted wood case

Save over **45%**



Order Number	Description	List Price	Sale Price
A53-672-036	36 piece Economy Rectangular Gage Block Set	\$275.00	\$145.50
A53-672-081	81 piece Economy Rectangular Gage Block Set	484.00	310.50

Grade Ø Rectangular Steel Gage Block Sets

- Grade Ø
- Each block certified to N.I.S.T.
- Each block is individually serialized
- Sizes clearly marked on each block
- Complete with fitted wooden case

Save over **45%**



Order Number	Description	List Price	Sale Price
A53-670-038	36 piece Grade Ø Rectangular Gage Block Set	\$434.55	\$231.00
A53-670-080	81 piece Grade Ø Rectangular Gage Block Set	799.70	510.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

1/2" Parallel Set

- Set of four pairs of parallels are hardened and ground
- A must for every shop
- Sizes: 1", 1-1/4", 1-1/2" and 1-3/4" in height x 6" long with 5/16" holes
- 1-1/2" and 1-3/4" parallels are 1/2" thick
- 1" and 1-1/4" parallels are 3/16" thick
- Width & height variations: maximum .0004"
- Includes fitted case



Order Number	Description	List Price	Sale Price
A52-437-001	Set of four pairs of parallels	\$203.85	\$122.00

1/32" Premium Parallel Set



- Made from high-grade alloy steel, hardened and ground from 1/32" stock with 2 holes in each parallel
- 10 pairs, 6" length, 1/32" width
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair. Absolute heights are nominal
- Parallelism: $\pm .0001$ "
- Paired in height: $\pm .0001$ "
- Hardness: 50 HRC

Order Number	Description	List Price	Sale Price
A52-437-031	1/32" Parallel Set	\$215.00	\$185.00

1/8" Premium Parallel Set

- Made from high-grade alloy steel, hardened and ground from 1/8" stock with 2 holes in each parallel
- 10 pairs, 6" length, 1/8" width
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair
- Absolute heights are nominal
- Parallelism: $\pm .0002$ "
- Paired in height: $\pm .00015$ "
- Hardness 58-63 HRC



Order Number	Description	List Price	Sale Price
A52-437-125	1/8" Parallel Set	\$263.20	\$242.00

1/4" Premium Parallel Set



- Made from high-grade alloy steel, hardened and ground from 1/4" stock with 2 holes in each parallel
- 9 pairs, 6" length, 1/4" width
- 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8" & 1-3/4"
- Height specifications relate to consistency within each pair
- Absolute heights are nominal.
- Parallelism: $\pm .0002$ "
- Paired in height: $\pm .0002$ "
- Hardness 52-58 HRC

Order Number	Description	List Price	Sale Price
A52-437-250	1/4" Parallel Set	\$328.90	\$275.00

X-TRA RANGE[®] 20x Extended Range Microscope

Fowler's new Extended Range Microscope is ideal for viewing the surface of items that will not fit conventional microscope plates.



- 10X eyepieces with adjustable centers and rubber eyecups
- 2X objective lens
- Top swiveling light source - 12 volt lamp, 110V supply
- Positive rack and pinion focusing
- Articulated 12" long extension arm
- Heavy base plate insures stability and houses transformer which measures 5" x 8" x 2.5"
- Overall base and column height of 12"

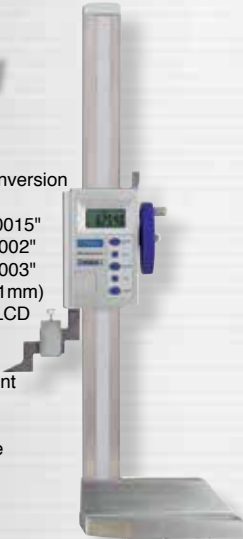


Order Number	Description	List Price	Sale Price
A53-640-280	20X Microscope with Universal Stand	\$347.15	\$275.00
A53-640-281-1	Replacement bulb	11.20	

Z-HEIGHT



- Direct Inch/Metric Conversion
- Accuracy:
 - 0-12" model: $\pm .0015"$
 - 0-18" model: $\pm .002"$
 - 0-24" model: $\pm .003"$
- Resolution .0005" (.01mm)
- Large, high contrast LCD display
- Hold feature
- ABS/INC Measurement
- Floating zero
- Positive lock
- Includes molded case
- Carbide scriber



24" Twin Beam Dial Height Gage

- Separate digit counters register both upward & downward travel
- Zero setting can be obtained throughout the gage's range
- Coarse readings in .100" graduations; fine readings taken on indicator are .001"
- Dual chrome plated beams
- Carbide-tipped scriber
- Base is hardened, ground & lapped for maximum flatness



Order No.	Range	List Price	Sale Price
A54-175-012	0-12"/0-300mm	\$465.90	\$331.20
A54-175-018	0-18"/0-450mm	543.20	391.20
A54-175-024	0-24"/0-600mm	611.50	465.80
A54-100-350	CR2032 Battery	5.50	

Order No.	Range	List Price	Sale Price
A52-174-224	24"	\$682.10	\$409.50

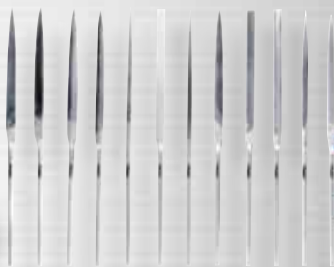
Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Swiss Pattern File Sets

Swiss Pattern Files are economically priced and each set includes a fitted case and 12 of the finest quality files in the most popular shapes.

Fowler Swiss Pattern Files are fine precision cutting tools used by tool and die makers, model makers, delicate instrument and part finishers for a variety of filing jobs. Made to closer tolerances than American pattern files, they are primarily finishing tools for removing burrs, trueing narrow grooves, notches, keyways, cleaning corners, smoothing small parts and similar jobs.

Save 50%



Order Number	Description	Length	Cut No.	List Price	Sale Price
A55-130-060	12 pc. Swiss Pattern File Set	6"	#0	\$18.65	\$9.00
A55-130-062	12 pc. Swiss Pattern File Set	6"	#2	18.65	9.00

Super Heavy Duty Automatic Center Punch



- Handle constructed in steel. Four knurled bands provide a sturdy grip
- Moveable components are made from tool steel and hardened
- The point is easily removed for sharpening
- The pressure of marking is controlled by rotating the knurled cap. Screw the cap down for heavy indentations and screw the cap upward for lighter markings.

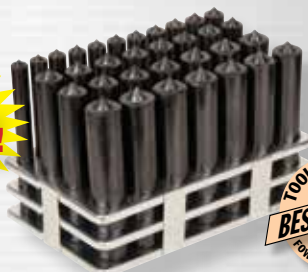
Order Number	Description	List Price	Sale Price
A52-500-290	Super Heavy Duty Automatic Center Punch	\$19.80	\$14.00

Transfer Punch Set

Up to 1"!

- Punches are made of hardened and tempered tool steel, black oxide finished
- All sizes are marked and diameters are slightly undersized for easy handling
- Supplied with index stand

NEW Range!



TOOL-A-TTHON BEST SELLER!
FOWLER HIGH PRECISION

Order Number	Description	Range	List Price	Sale Price
A52-482-028	28 Piece Transfer Punch Set	3/32"-1/2"	\$48.95	\$34.90
A52-482-030	NEW 33 Piece Transfer Punch Set	1/2"-1"	85.00	72.99

Screwdriver Kit



NEW!

- This precision Screwdriver and Tool Set is ideal for miniature work
- Features knurled and chromed swiveling handles
- Screwdriver and Tool Set contains **9 screwdrivers**, **1 tapered point scratch awl** and **1 magnetic pick-up tool**
- Screwdriver size range: #00, #0, #1, 1/32", 3/64" 1/16", 5/64", 3/32" and 1/8"

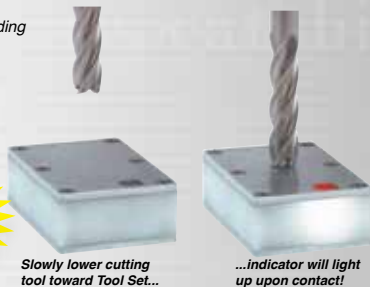
Order Number	Description	List Price	Sale Price
A52-490-003	NEW Screwdriver Set	\$24.20	\$20.99

Fowler/Mirage Tool Set patent pending

The Fowler/Mirage Tool Set is an easy and affordable way to set Z depths quickly and accurately!

- Can be operated directly off table or from machine vise
- Aluminum contact face eliminates carbide chipping on cutting tools
- Works on any conductive materials
- Repeatability: .0002"
- Block dimensions: 1" x 2" x 3" (nominal)
- Batteries included

Reduced PRICE!



Order Number	Description	List Price	Sale Price
A54-575-750	Fowler/Mirage Tool Set	\$91.45	\$69.00

4 Piece Deburring Cutter Set

4pc Deburring Cutter Set features four separate color coded cutters. Each color indicates the material that the cutter is intended for.

- Colored sleeves rotate to lock and unlock blades for easy changing
- Unique rounded head for safe deburring of drilled and machined holes, end-milled areas, tubing, backsides of holes, and numerous other uses
- Curved blades swivel freely to automatically follow shapes, contours and holes



**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

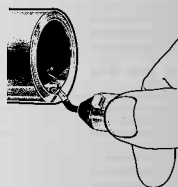
Order Number	Description	List Price	Sale Price
A52-483-777	4 pc. Deburring Cutter Set	\$14.85	\$12.50

Deburring Cutter



- "Quick-change" thumb operated button for instant removal, insertion and locking of new blades.
- Supplied with three blades: 1) for steel and aluminum, 2) for brass and cast iron, 3) for straight edges on all types of metals
- Hollow handle with a removable end cap for storage of blades
- Unique rounded head blades for safe deburring of drilled and machined holes, end milled areas, tubing, backside of holes and an almost unlimited amount of uses
- Curved blades swivel freely to automatically follow shapes, contours and holes
- Molded to comfortably fit the user's hand without slippage or fatigue

Only \$10.00



Order Number	Description	List Price	Sale Price
A52-483-003	Adjustable Scraper & Deburring Cutter w/3 blades	\$14.30	\$10.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Metal Etching Pen

A "must" for any tool room and machine shop for general marking purposes, Fowler's metal etching pen is used on copper, copper alloy, stainless steel, hardened steel tools and castings, etc.

NEW!

Use it to initial personal tools. Its low-cost, disposable design offers limitless applications.



Personalize your tools!

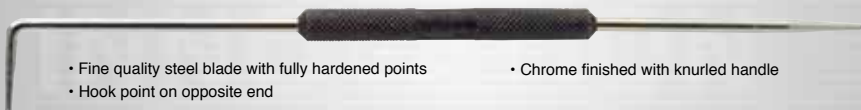
Order Number	Description	List Price	Sale Price
A52-730-005	NEW Disposable Felt Tip Metal Etching Pen, overall length is 6-1/4"	\$17.35	\$14.85

Steel Scribers



- Aluminum knurled steel tubing body
- Chuck holds hardened tempered scriber point, which is removable and replaceable

Order Number	Description	Overall Length	List Price	Sale Price
A52-515-005	Pocket Scriber	5.625"	\$4.70	\$2.60



- Fine quality steel blade with fully hardened points
- Chrome finished with knurled handle
- Hook point on opposite end

Order Number	Description	Overall Length	List Price	Sale Price
A52-515-025	Point Scriber	8.5"	\$4.70	\$2.60

Carbide Tipped Scriber Values!



- Lightweight
- Retractable carbide tip
- Knurled grip
- Machined aluminum body
- Pocket clip

Order Number	Description	Overall Length	List Price	Sale Price
A52-500-050	Carbide Super Scriber	6.5"	\$29.90	\$26.80
A52-500-055	Carbide Refill		9.50	



- Lightweight
- Retractable carbide tip
- Fluted grip
- Blue anodized aluminum body
- Pocket clip

Order Number	Description	Overall Length	List Price	Sale Price
A52-500-000	Pocket Carbide Scriber	6.0"	\$16.00	\$11.50
A52-515-046	Carbide Refill		6.05	



- Heavy duty
- Replaceable carbide tip
- Knurled grip
- Pocket clip
- Magnetic end cap

Order Number	Description	Overall Length	List Price	Sale Price
A52-500-080	Replaceable Tip Carbide w/magnetic end cap	5.75"	\$8.60	\$5.75
A52-500-085	Carbide Refill		1.75	



- Heavy duty
- Fixed carbide tip
- Pencil-like design
- Pocket clip

Order Number	Description	Overall Length	List Price	Sale Price
A52-500-090	Fixed Tip Scriber	6.0"	\$5.80	\$3.50

Combination Squares

- Blades are chrome plated, fully hardened and tempered, graduated in 8ths, 16ths, 32nds and 64ths
- Finished in black enamel
- Square head has level and scribe point
- Double indexed protractor is graduated 180° in both directions



A52-370-012

Order Number	Description	List Price	Sale Price
A52-373-012	Square Head with 12" blade	\$82.50	\$73.00
A52-386-006	Square and Center Head with 6" blade	112.00	50.00
A52-370-012	Square, Protractor and Center Head with 12" blade	165.90	129.80

Cylindrical Squares



- Used for checking squares, height gages and other instruments
- Hardened and the ends are lapped to 90° angular accuracy
- 6" cylindrical squares: ±.0001"
- 12" cylindrical square: ±.00015"



Order Number	Description	List Price	Sale Price
A52-750-006	NEW 6" cylindrical square	\$175.00	\$160.00
A52-750-012	NEW 12" cylindrical square	250.00	230.00

Steel Squares & Sets

- Made of the finest carbon tool steel, these economy squares have true right angles both inside and outside
- Beams and blades ground and lapped for straightness and parallelism
- Hardened blade
- Beam grooved at inner corner for clearance of burrs and dirt
- Squareness of blade edge to the working face:
 2" & 3" = ±.0006", 4" & 6" = ±.0008", 9" & 12" = ±.0012"



Sets come complete in a "Shop Hardened" molded case!

Blade Size	Beam Size
2"	1.5"
3"	2.5"
4"	3"
6"	4"
9"	6"
12"	8"

Order Number	Size/Description	List Price	Sale Price
A52-432-444	3 Piece Square Set: 2", 4" & 6" with shop hardened case	\$52.00	\$47.75
A52-432-246	4 Piece Square Set: 2", 3", 4" & 6" with shop hardened case	61.90	53.95
A52-432-469	4 Piece Square Set: 4", 6", 9" & 12" with shop hardened case	103.95	102.75
A52-432-004	4" Square only	18.75	17.00
A52-432-006	6" Square only	20.80	18.25
A52-432-009	9" Square only	41.60	38.50
A52-432-012	12" Square only	70.75	64.50

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Digital Rockwell Hardness Tester

A high quality precision instrument that uses the Rockwell A, B and C scales for measuring hardness. Featuring ease of operation, automatic loading and unloading, automatic holding of test force and an easy-to-read LCD.

Features:

- New, advanced, multi-function indicator readout
- Full color LED display
- Built in hardness calculator statistics function
- Standards: EN-ISO 6508 and ASTM-E18
- Resolution: .02 of a Rockwell unit
- Test loads: 10 kgf preload/60, 100, 150 kgf load
- Rockwell scales: A, B, C, F
- Testing space: Vertical = 6.7"/170mm,

Horizontal = 6.5"/165mm (from centerline)

**Save
10%**

Accessories included:

- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- ±60HRC Hardness test block
- ±25HRC Hardness test block
- ±85HRB Hardness test block
- Flat anvil 60mm ø
- Large flat anvil 150mm ø
- V-anvil 40mm ø
- Adjustable feet
- Protective spindle cover

NEW!



Order Number	Description	List Price	Sale Price
A54-770-650-1	NEW Digital Rockwell Hardness Tester	\$5170.00	\$4653.00

Analog Rockwell Hardness Tester

A high quality precision instrument that uses the Rockwell A, B, C and F scales for measuring hardness. A reasonably priced solution for those requiring precision and durability.

Features:

- Standards: EN-ISO 6508 and ASTM-E18
- Resolution: .5 Rockwell unit
- Test loads: 10 kgf preload/60, 100, 150 kgf load
- Rockwell scales: A, B, C, F
- Testing space: Vertical = 6.7"/170mm,

Horizontal = 6.5"/165mm (from centerline)

Accessories included:

- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- ±60HRC Hardness test block
- ±25HRC Hardness test block
- ±85HRB Hardness test block
- Flat anvil 60mm ø
- Large flat anvil 150mm ø
- V-anvil 40mm ø
- Adjustable feet
- Protective spindle cover

**Save
10%**



Order Number	Description	List Price	Sale Price
A53-770-600	Analog Rockwell Hardness Tester	\$2194.50	\$1970.00



- Small, compact size
- 2 selectable parameters: Ra and Rz
- Large LCD display
- Meets ISO and DIN standards
- N.I.S.T. traceable specimen included
- Uses 9 volt battery (approx. 3000 measurements)
- Includes fitted case

The X-Pro Portable Roughness Tester II can be used for many applications by selecting from a variety of accessories, including:

- Stand with swivel
- A variety of probes

For certain Applications, RS232 is available on certain models (contact the Fowler technical department for more information)



(X-Pro shown with optional stand with swivel.)

X-Pro Portable Roughness Tester II

Order Number	Description	List Price	Sale Price
A54-410-500	Portable Surface Roughness Tester .0004" probe	\$1644.50	\$1500.00
A54-410-600	Portable Surface Roughness Tester .0002" probe	1644.50	1500.00

X-Pro Portable Roughness Tester II Stand with Swivel

Order Number	Description	List Price
A54-400-896	Stand with Swivel Attachment	\$396.00

X-Pro Portable Roughness Tester II Probes and Accessories

Order Number	Description	Resolution	List Price
A54-400-319	General Purpose Probe	.0004"	\$547.80
A54-400-326	General Purpose Probe	.0002"	547.80
A54-420-321	Small Bore Probe	.0004"	715.00
A54-420-327	Small Bore Probe	.0002"	715.00
A54-420-301	Traverse Chisel Probe	.0004"	715.00
A54-420-302	Parallel Chisel Probe	.0004"	715.00
A54-420-328	Groove Bottom Probe	.0004"	715.00
A54-420-120	AC Adapter Kit		60.50

Universal Magnetic Mini Flex Base with High Intensity Zoom Light

This product is ideal for focused applications in Industrial and Automotive!

- Powerful, low-profile magnetic base
- Slim, articulating flex bar allows easy and accurate positioning
- Lens "Zooms" for concentrated lighting
- Quick release mounting bracket clamp
- 3 light settings, low, bright and strobe
- Batteries included



Order Number	Description	List Price	Sale Price
A52-630-451-1	NEW Universal Magnetic Mini Flex Base with light	\$39.20	\$29.40

Large Diameter Magnetic Mini Flex Base with LED Flashlight

This product is ideal for focused applications in Industrial and Automotive!

- 14 LED Ultra-bright flashlight
- Large, 2" diameter chrome mag base
- Slim, articulating flex base allows easy and accurate positioning
- Quick release mounting bracket clamp
- Batteries included



Order Number	Description	List Price	Sale Price
A52-630-455	Large Diameter Magnetic Mini Flex Base with light	\$37.50	\$28.00

Pocket Scope and Micro-Lite Available in 20x or 40x

Pocket Scope

- Fixed focus, no moving parts-never loses focus.
- Accurate readings without adjusting
- Compact in size, under 5"
- Provides on-the-job viewing
- Special bevelled opening gathers and focuses light



Micro-Lite

- Invaluable for inspection and measurement of hard-to-see and reach places



Order Number	Description	Field of View	Scale Range	List Price	Sale Price
A52-662-020	20x Pocket-Scope with .002" reticle	.190"	0-.18"	\$32.65	\$25.50
A52-662-040	40x Pocket-Scope with .001" reticle	.082"	0-.07"	32.65	25.50
A52-662-045	Micro-Lite uses AAA battery (not included)			23.30	12.00
A52-662-050	20x Pocket Scope & Micro-Lite Set			54.95	35.00
A52-662-055	40x Pocket Scope & Micro-Lite Set			54.95	35.00

Boreview Inspection Set

Now internal inspection in any industry can be made quickly and easily with Fowler's new bore viewer.

**Save
30%**

NEW!



Its compact size and built-in illumination make our bore viewer fully portable. Combine that with stainless steel construction, a magnifying glass and inspection mirror, and you get a top quality internal inspection viewer that can be used anywhere in a wide variety of applications!

- Use for inspecting bores, cavities, threads, undercuts, raceways, surface finish, tools and intricate assemblies
- Views bores from 1/8" in diameter and up
- Stainless steel construction
- Mold makers-perfect for inspecting passages and cavities
- Maintenance-inspect many industrial problems on-site and avoid disassembly



Order Number	Description	List Price	Sale Price
A52-660-777	NEW Boreview Inspection Set	\$341.60	\$238.00

FLEX CHROME KIT

Combo Kit includes both.....

Disc & Rotor/Ball Joint Gage with Chrome Flex Arm



- Checks ball joint wear and disc rotor runout
- Checks tire and wheel runout, gear backlash, valve guide wear, etc.
- Corrosion resistant
- Chrome plated 12" flex arm
- Meets all state inspection requirements.
- Indicator features 0-1" travel and .001" graduation

&

14 LED Flashlight with Flex Bar Attachment



- 14 LED Ultra-Bright flashlight
- Quick release mounting bracket
- 3 "AAA" batteries included

Everything packed in a convenient, shop-hardened case!

Order Number	Description	List Price	Sale Price
A52-520-451	Disc and Rotor Flex Chrome Kit	\$156.80	\$119.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

TAP-X

Cam-Locking Tap Wrench

3-times the Range of Most Tap Wrenches!

1/8" to 1/2" (3 to 12mm)

QUICK RELEASE CAM!

FAST & TIGHT!

CHANGE TAPS FAST!

Save 40%



Features:

- Fits wide range of tap sizes: 1/8" to 1/2" (M3 to M12)
- Patented Revolutionary Cam-Lock System
- Quick-action clamping for easy replacement
- Taps will never release during use
- Heavy-duty design for reliability and long life
- Handles extreme torque
- Can be used as a hand drill for sizes: 1/16" to 5/16"

For instructional video search "Tap-X" at www.youtube.com

Order Number	Description	List Price	Sale Price
A52-492-350	Tap-X Cam-Locking Tap Wrench	\$50.00	\$30.00

INDI-X[®] Indicating Micrometer



- Anvil and spindle hardened and precision ground
- Fully insulated frame, satin chrome finish
- Wider Micro-Fine graduations
- Carbide tipped anvil & spindle
- Retracting button conveniently located in relation to operator's hand
- 0-1" Range, head graduated in .001"
- Flatness: .000012"
- Dial graduated in .00005"
- Indicated accuracy of .00015"
- Diameter of spindle: .256"
- Includes case

Order Number	Description	List Price	Sale Price
A52-245-501	0-1" Indi-X Indicating Micrometer	\$291.20	\$245.00
A52-245-502	1-2" Indi-X Indicating Micrometer	343.85	315.00

Wylar Clinotronic Plus

The Fowler/WYLER Clinotronic Plus is an electronic level with unsurpassed versatility. It is economically priced, uses a specially designed microprocessor and the well-proven WYLER inclination sensor.

Features:

- Range of $\pm 45^\circ$, capacity of 0-360°
- Resolution of 0.01° (selectable)
- Adjustable base length
- Built-in calibration program
- Uses standard 1.5v AA batteries
- Desired units to be selected by push button
- Automatic setting of zero by push button command
- Display: use any units common to inclination measurements
- Absolute or relative measuring mode selectable by push button
- Seal-tec technology for excellent performance even in difficult environmental conditions
- Interface connection RS232 is integrated. Special purpose cables available
- Low battery indication
- No loss of calibration data by power failure
- Price includes fitted case

Save \$200

FREE Fowler Hat with Purchase!



Technical Specifications:

- Measuring range/capacity: $\pm 45^\circ/0-360^\circ$
- Response time: value available within 5 seconds
- Repeatability: $<.01^\circ$
- Linearity: within 3 min. of arc
- Temp. coefficient: less than $0.01^\circ/\text{C}$
- Data output: Serial
- Battery: Standard AA 1.5V alkaline/130hrs or AA 3.0V MnO2-Lithium (for longer operation 300/hrs)
- Housing: aluminum hard anodized.
- Dimensions: 4 x 3 x 1"(100 x 75 x 30mm)
- Weight: 13 oz. (380 grams)
- Temp. range: operational 0 to 40°C

The following measuring units may be selected:

Deg/Arcmin	00° 00'
Arcmin / Arcsec	00' 00"
GON / Neugrad (2 Dec)	00.00 gon
GON / Neugrad (4 Dec)	.0000 gon
mm / rel.Basis (2 Dec)	00.00 mm/m
mm / rel.Basis (4 Dec)	.0000 mm/m
Inch / rel. Basis (4 Dec)	.0000"/10"
artillery per mille A‰	0000
mm / m (2 Dec)	00.00 mm/m
Inch / 10 Inches	.0000"/10"
Inch / 12 Inches	.0000"/12"
Milliradian	00.00 mrad (2Dec)
Milliradian	0000 mrad
Deg (2 Dec)	00.00 °
Deg (4 Dec)	.0000°

Order Number	Description	List Price	Sale Price
A54-635-601	Clinotronic Plus	\$1875.00	\$1675.00
A54-635-610	Replacement Battery	44.00	

Wylar Magnetic Precision Spirit Level

WYLER Universal Spirit Levels feature an insulated handle. Main vial unit observed from above and from either side. The vial unit is set into a steel tube in a stress free location, and can be adjusted in the body of the Spirit Level by a fine thread and screw system. Hand scraped by Swiss craftsmen. Includes fitted case.

Features:

WYLER Magnetic Precision Spirit Level checks and levels cylinders, horizontal and vertical surfaces. Constructed with two prismatic measuring surfaces. Sensitivity .0002" per 10". Magnets to ensure complete adherence to vertical surfaces of parts and vertical arbors or shafts. Operators on milling and boring units, inspectors and fitters work with free hands.



Save over \$250.00

Order Number	Description	List Price	Sale Price
A53-422-048	NEW Magnetic Precision Spirit Level	\$2407.00	\$2150.00

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

Trimos V-Series Height Gages

Versatility, Reliability, Durability

Combining a sleek ultra-modern design, robust construction, user-friendly interface, 5-year warranty and exceptional value, the Fowler/Trimos V-series is the ideal electronic multifunction height gage for your quality control or workshop environment.

Unlike some of our competitor's height gages that require expensive accessories, the V comes fully equipped to handle ID, OD, centerline, MIN/MAX and TIR measurements.

NO EXPENSIVE ACCESSORIES REQUIRED!

**All Prices
REDUCED!**

Specifications:

Measuring range	12"/300mm	24"/600mm
Application range	21"/535mm	32"/835mm
Accuracy	.0002"/5µm	.00028"/7µm
Squareness deviation (in measuring direction)	.00039"/10µm	.00059"/15µm
Max. resolution	.00005"/.001mm	
Repeatability (2s)	.00008"/2µm (Ø.00016"/4µm)	
Max. displacement speed	1.5 m/s	
Measuring force	1N	
Data output	RS-232	

Order Number	Description	List Price
A54-191-014-1	0-12"/300mm Trimos V	\$4250.00
A54-191-024-1	0-24"/600mm Trimos V	\$4950.00

Trimos V Plus Series Height Gages

Versatility, Reliability, Durability



Similar features as the Trimos V with the addition of greater accuracy, squareness and repeatability, a built in air pump, a fine adjustment handwheel and an adjustable measuring force.

The ideal shop or lab gage. Very accurate and very easy to use for all everyday manufacturing applications.

FREE Swiss Pocket Knife with Purchase!

**All Prices
REDUCED!**

Specifications:

Measuring range	12"/300mm	24"/600mm	40"/1000mm
Application range	21"/535mm	32.8"/835mm	48.6"/1235
Accuracy	2.5 + L (mm)/300		
Squareness deviation (in measuring direction)	.0002"/.005mm	.00032"/.008mm	.00047"/.012mm
Max. resolution	.00005"/.0005"(.001/.01mm)		
Repeatability (2s)	.00008"/.002mm		
Max. displacement speed	1.5 m/s		
Measuring force	0.7 - 1.6 N Adjustable		
Data output	RS-232		

Order Number	Description	List Price
A54-199-300	12"/300mm Trimos V Plus	\$5800.00
A54-199-024	24"/600mm Trimos V Plus	7500.00
A54-199-040	40"/1000mm Trimos V Plus	10,700.00



**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

**5-YEAR
WARRANTY**

**INTERFACE
RS-232
BI-DIRECT**

Swiss Precision!

Fowler Mobile Tech Center



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TOOL-A-THON

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Fowler's Newest & Most Popular Precision Tools and Technologies are on the road and going across the country in Fowler's NEW Mobile Tech Center!

For details and information about getting the Fowler Mobile Tech Center to your location, contact the Vice President of Sales, Jeff Petersen, at jeffp@fvfowler.com

Be sure to use the "A" prefix when ordering Tool-A-Thon specials.

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