

Starrett®

The best tool for the job.

Winter/Spring 2009 Tool Sale



starrett.com

797 Electronic Slide Calipers with IP65 Protection

- Large, easy-to-read LCD display with in/mm conversion
- Zero at any position
- Standard RS232 output
- IP65 level of protection against coolant, water, dirt and dust
- Resolution is .0005" (0.01mm)
- Induction-type linear encoder system
- Fine adjustment for precision measurements
- Long life hardened stainless steel measuring surface
- Manual ON/OFF, auto-off after four hours
- Lock to hold the slide in position
- Linear accuracy meets DIN862
- Long life battery (>3500 hours)
- Includes plastic case



Cat Number	EDP	Range	List Price	Sale Price
797B-6/150	68659	0-6"/150mm	\$193.00	\$167.27
797B-8/200	68660	0-8"/200mm	251.00	217.53
797B-12/300	68661	0-12"/300mm	380.00	329.33

Left: 797 with a DataSure® End Node for wireless data collection
Far Left: 797 has IP65 protection against coolant, water, dust and dirt

1202 Dial Calipers

- Sharp, clear dial graduations
- Hardened stainless steel bar, measuring surfaces, rack, gears, and depth rod
- Sharp, black graduations on the satin finished bar
- Positive, spring-loaded double pinion anti-backlash control
- Thumb-operated fine adjustment roll
- Lock screws for sliding jaw and dial adjustable bezel
- Depth rod furnished on all models
- Knife-edge contacts

Decimal Calipers: White Dial, .001" Grad; .100" Per Revolution

Fractional (F-Series) Calipers: 1/64th grad. on yellow outer scale, .01" grad. on white inner scale



Face of 1202F-6 Fractional Dial Calipers



Cat Number	EDP	Range	List Price	Sale Price
1202-4	68814	0-4" Decimal Measurement	\$92.00	\$68.15
1202-6	66964	0-6" Decimal Measurement	129.00	95.56
1202F-6	68931	0-6" Fractional & Decimal Measurement	129.00	95.56
1202-8	66979	0-8" Decimal Measurement	183.00	135.56
1202F-8	69757	0-8" Fractional & Decimal Measurement	183.00	135.56
1202-12	66980	0-12" Decimal Measurement	266.00	197.04
1202F-12	69758	0-12" Fractional & Decimal Measurement	266.00	197.04



799 Electronic Slide Calipers

- Lightweight, ergonomic design
- Inch/millimeter conversion reads .0005" or 0.01mm
- Last measuring position retained when shut off
- Hardened stainless steel body for long life
- Fine adjustment thumb wheel
- Lock screw to hold the slide in position
- Resolution is .0005" (0.01mm)
- Zero at any position

6", 8" & 12" Calipers

- Easy-to-read LCD, .32" high characters
- Auto-off after 5 minutes of nonuse
- Linear accuracy meets DIN862
- Integrated depth rod

Extended Range 24" Caliper

- Preset and hold feature
- Max/Min limits set
- I.D. jaw dimension is 0.800"/20.32mm
- LCD characters are .50" high
- Auto-off after 30 minutes of nonuse



Cat Number	EDP	Range	List Price	Sale Price
799A-6/150	67410	0-6"/150mm	\$140.00	\$121.33
799A-8/200	67412	0-8"/200mm	198.00	171.60
799A-12/300	67621	0-12"/300mm	372.00	322.40
799AZ-24/600	11978	0-24"/600mm	666.00	577.20

125 Vernier Calipers

- High quality basic vernier caliper
- English and metric measurement
- Lock screw for sliding jaw
- Hardened stainless steel depth rod
- Grads: .002" English, 0.020mm metric
- Sharp, black grads. on satin finished bar

Cat Number	EDP	Range	List Price	Sale Price
125MEA-6/150	61660	0-6"/150mm	\$92.00	\$81.78
125MEA-8/200	61882	0-8"/200mm	109.00	96.89
125MEA-12/300	61886	0-12"/300mm	195.00	173.33



795/796 Electronic Micrometers with IP67 Protection

- IP67 level of protection against coolant, water, dirt and dust
- 795 Includes RS232 output port for data transmission to Starrett DataSure® Wireless Data Collection Systems. 796 is non-output.
- Balanced, tapered frame
- Listed models have a range of 0-1"/0-25mm
- Starrett no-glare satin chrome finish on thimble and sleeve
- Large, easy-to-read LCD readout
- Micro-lapped carbide measuring faces
- Automatic OFF after 20 minutes of non-use
- Inch/millimeter conversion
- Measurement HOLD button
- Resolution: .00005" (0.001mm)
- Accuracies: Inch: $\pm .0001"$, Metric: $\pm .002\text{mm}$



Cat Number	EDP	Range	List Price	Sale Price
795XFL-1	67827	Friction Thimble, Spindle Lock, w/Output	\$279.00	\$241.80
795XRL-1	69085	Ratchet Stop, Lock Nut, w/Output	279.00	241.80
796XFL-1	67828	Friction Thimble, Spindle Lock, No Output	224.00	194.13
796XRL-1	69089	Ratchet Stop, Lock Nut, No Output	224.00	194.13



795 with DataSure® end node for wireless data collection

ST216AXRLZ Digital Micrometer Set

- Three digital micrometers furnished with ratchet stop, lock nut and standards in protective case
- 0-1", 1-2" and 2-3" micrometers
- Reads .001" from the counter, .0001" from the sleeve
- Balanced frame design and extremely hard and stable one-piece spindle
- Micro-lapped carbide measuring faces

• EDP: 66526 List Price: \$850.00 **Sale Price: \$755.56**



T230XRL Outside Micrometer

- Rigid one-piece frame of drop forged steel
- Spindle and anvil are .235" (6mm) and the frame is tapered for use in narrow slots and tight places
- Convenient decimal equivalents on frame
- Tapered frame for use in narrow slots and tight places
- Micro-lapped carbide measuring faces
- .0001" graduations

• EDP: 50944 List Price: \$142.00 **Sale Price: \$126.22**





436.1 Outside Micrometers

- Starrett satin chrome finish – no glare – resists rust
- Advanced sleeve design with staggered lines and distinct figures for precise readability
- Balanced frame and thimble design insure easy handling
- Ring-type knurled lock nut for quick and sure locking
- Combination ratchet and speeder for uniform pressure and quicker adjustment
- Gracefully designed tapered frame for use in narrow slots and tight places
- Rigid steel frame ribbed for extra strength on sizes through 6" (150mm)
- Extremely hard and stable one-piece spindle (the heart of our accuracy)
- Micro-lapped measuring faces
- Quick and easy adjustment



Cat Number	EDP	Range	Graduation	List Price	Sale Price
436.1RL-1	67993	0-1"	.001"	\$111.00	\$98.67
436.1RL-2	68002	1-2"	.001"	127.00	112.89
436.1RL-3	68010	2-3"	.001"	157.00	139.56
436.1RL-4	68017	3-4"	.001"	178.00	158.22
S436.1CRLZ	68043	0-6"	.001"; 6 Micrometers with standards in case	1,145.00	1,017.78

S668 Series Shaft Alignment Clamps

- Fast, precise alignment of motors, pumps, compressors, etc.
- Lightweight, black anodized aluminum clamp
- Rigid 3/8" diameter indicator posts in three lengths (5", 7-7/16", 9")
- Extension plate for added radial clearance
- Heavy-duty roller chain accommodates up to a 7-1/2" diameter shaft. Excess roller chain can be secured to the side of the chain clamp.
- A second shaft alignment clamp can be mounted across from the first clamp to act as a vertical "target" for face alignment

Right: S668DZ
Below: S668CZ
Mounted on coupling



Cat Number	EDP	Description	List Price	Sale Price
S668CZ	67152	2 each: Chain Clamp, No. 196B5 Indicator, PT18724 Snug, Extension Plate, Posts (5", 7-7/16", 9"), with Fitted Case	\$736.00	\$654.22
S668DZ	67153	2 each: Chain Clamp, No. 81-141J Indicator, No. 657Y Indicator Attachment, PT18724 Snug, Extension Plate, Posts (5", 7-7/16", 9"), with Fitted Case	793.00	704.89

220 Mul-T-Anvil Micrometers

- Starrett satin chrome finish with micro-lapped measuring faces
- Advanced sleeve design with staggered lines and distinct Quick-reading figures for precise and easy measurement
- Rigid one-piece frame of drop forged steel
- Extremely hard and stable one-piece spindle (the heart of our accuracy)
- Quick and easy adjustment
- 220XRL-1 has a ratchet stop and lock nut
- 220XFL-1 has a friction thimble and lock nut
- Accurate to $\pm .0002"$ or $\pm 0.004\text{mm}$



Cat Number	EDP	Range	Grad	List Price	Sale Price
220XRL-1	66430	0-1"	.001"	\$223.00	\$198.22
220XFL-1	50746	0-1"	.001"	223.00	198.22

S905AZ Measuring Tool Set

- Micrometer: T231XRL, 0-1" with Carbide Faces
- Dial Slide Caliper: 120A-6, 0-6"
- Dial Indicator: 711FSA Last Word®, .001" graduations, with universal shank
- C604RE-6: 6" Spring Tempered Precision Rule
- Protective case



- EDP: 65805 List Price: \$522.00 **Sale Price: \$464.00**



**While
Quantities
Last!**

S766AZ Electronic Tool Set (w/o output)

- Electronic Micrometer: 734XFL-1, 0-1"/0-25mm
- Electronic Slide Caliper: 799A-6/150, 0-6"/0-150mm
- Protective case

- EDP: 12206 List Price: \$357.00 **Sale Price: \$309.40**

823 Tubular Inside Micrometers

- Tubular measuring rods are lightweight, yet extremely rigid. Rods are insulated, with the exception of 1/2" (13mm) and 1" (25mm) sizes
- Hardened and ground anvils on rods are adjustable. Head anvil is hardened and ground
- Interchangeable anvils on both 1/2" (13mm) and 1" (25mm) heads
- Quick reading figures – every thousandth numbered on inch reading tools
- Lock nut furnished on 1" (25mm) heads
- 5-1/2" (140mm) long, convenient handle furnished on A and B micrometers may be clamped where it will provide correct balance and reach
- **All micrometers below have a .001" graduation**



Cat Number	EDP	Range	Movement of Screw	Description	List Price	Sale Price
823AZ	53050	1-1/2-8"	1/2"	5 rods and handle	\$248.00	\$220.44
823BZ	53052	1-1/2-12"	1/2"	8 rods and handle	303.00	269.33
823CZ	53054	4-24"	1"	7 rods	383.00	340.44
823DZ	53055	4-32"	1"	8 rods	424.00	376.89
823EZ	53056	4-40"	1"	10 rods	469.00	416.89

S829EZ Small Hole Gage Set

- Hardened-ball measuring surface with two-point contact
- Smooth, sensitive adjustment for more accurate measurements
- Safety stop to prevent breakage
- Set of four in protective pouch with a total range of .125-.500" (3.2-12.7mm)

- EDP: 53074 List Price: \$121.00 **Sale Price: \$107.56**



236/237 Steel Rule Depth Gages

- Tempered rules have been accurately machine divided
- Graduated 32nds and 64ths
- Gages can be smoothly adjusted and then locked into position by knurled nut
- One side of base is cut to allow easier, more accurate readings

236 Combination Steel Rule Depth and Angle Gage

- Graduated head to 30, 45, and 60° (left & right)
- Head is made of hardened steel, ground and polished
- 2-5/8" (66mm) long and 1/8" (3mm) wide



Cat Number	EDP	Graduation	Description	List Price	Sale Price
236	51074	32nds, 64ths	6" Combination Depth Gage	\$56.00	\$49.78
237	51080	32nds, 64ths	6" Steel Rule Depth Gage	43.00	38.22

445 Micrometer Depth Gage

- Satin chrome finish resists rust and eliminates glare
- Depth measurement to .001" or 0.01mm
- Combination ratchet and speeder for uniform pressure and quick adjustment
- Ring-type knurled lock nut for fast and sure locking
- 5/32" rod diameter
- Includes ratchet stop and lock nut, in case



Cat Number	EDP	Range	Description	List Price	Sale Price
445BZ-3RL	52220	0-3"	3 rods	\$216.00	\$192.00
445BZ-6RL	52224	0-6"	6 rods	255.00	226.67
445BZ-9RL	52228	0-9"	9 rods	317.00	281.78

643JZ Dial Depth Gage

- 1/2" needle point contact with 40° included angle
- Knife-edged base with cutout so contact point can be positioned for close work
- Hardened ground base
- Quicker and convenient depth gage
- 0-.125" range, .0005" graduation, 0-25-0 dial

• EDP: 52714 List Price: \$319.00 Sale Price: **\$283.56**



3753A-6/150 Electronic Depth Gage

- 6" (150mm) range
- Easy-to-read LCD
- Fine adjustment thumb roll
- Long life, hardened stainless steel bar
- Lock to hold the slide in position
- Linear Accuracy: $\pm .001"$ ($\pm 0.02\text{mm}$), Resolution: $.0005"$ (0.01mm)
- Inch/millimeter conversion.
- Zero at any position.
- Manual ON/OFF. Auto-off after 5 minutes of nonuse



- EDP: 12258 List Price: \$241.00 **Sale Price: \$208.87**

765A Electronic Snap Gage

- Balanced and compact for comfortable handling
- Simple, logical control buttons for ease-of-use
- Easy-to-read LCD
- Light-weight aluminum frame
- Inch-millimeter conversion
- Single, 3-volt CR2032 battery with easy access
- Manual ON/OFF with auto-off after 7 minutes of nonuse
- Fitted plastic case
- Zero at any position
- Range: 0-1/2" (0-12.7mm)
- Linear Accuracy: $\pm .0010"$ ($\pm 0.02\text{mm}$)
- Resolution: $.0005"$ (0.01mm)



- EDP: 67659 List Price: \$110.00 **Sale Price: \$95.33**

81 Dial Indicators

AGD Group 1

- Lug-on-center back
- Interchangeable contact points
- Easy-to-read dial style
- Lightweight, sturdy case
- Shockless hardened steel gear train and jewel bearings

Cat Number	EDP	Range	Grad	Dial	List Price	Sale Price
81-141J	53400	.250"	.001"	0-50-0	\$123.00	\$109.33
81-241J	53428	.250"	.001"	0-100	123.00	109.33
81-131J	53388	.125"	.0005"	0-25-0	123.00	109.33



81-141J