

Starrett®

Custom Solutions
Winter/Spring 2009 Sale



The Best Tool For The Job



Altissimo®

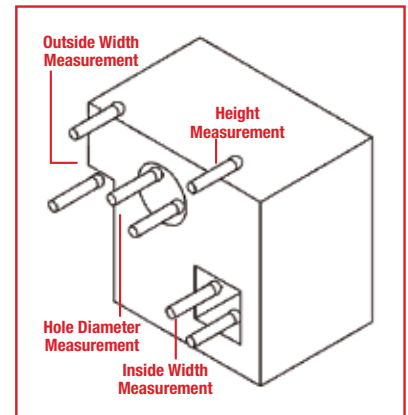
Altissimo® Electronic Height Gages

are innovative, easy-to-use, and loaded with Starrett-exclusive functions that allow you to easily program measuring routines that run smoothly and reliably.

Features

- Unique, ergonomically shaped base, hardened and ground
- Hot key selects results on the fly
- 0-24" Measuring Range
- Smart probe can measure I.D. or O.D.
- Electronically adjustable probe force and resolutions
- Large, easy-to-read interactive LCD
- Scanning meter monitors probe position
- Retains the last calibrated value after shut down
- Dynamic bi-directional probing with point and scan modes
- Speed wheel allows for easy operation and also has fine-adjust feature
- Locking mechanism for scribing
- Two selectable Datums and Preset
- Auto Power Off after two hours with retention of probe calibration
- Rechargeable NiMH batteries with 100 hours of continuous life (charger included)
- Available kit with probes for a variety of applications
- Gages include carbide probe, probe holder and probe calibration block

- RS232 output for data transmission to DataSure® Wireless Data Collection Systems and other RS232 devices
- Starrett capacitive measurement system ensures accuracy and reliability
- Instant inch/millimeter conversion
- Five measurement modes: ID/OD, Center, TIR, Max/Min & Continuous Display
- Seven setup functions for flexibility
- Automatic calculation of Center, Diameter, Height, Max & Min, TIR, Distance to last feature and Distance between last two points



Cat No.	EDP	List Price:	Sale Price:
2001-24	67453	\$5,408.00	\$4,867.20

Altissimo Height Gage

Measuring Range	24"/600mm (Extendible to 30"/750mm by rotating the probe holder 180°)
Resolution	.0001"/.0005"/.001" (.002mm/.01mm/.02mm)
Accuracy	±.0003" (.008mm)
Repeatability	±.0001" (±.002mm)
Power Source	NiMH Rechargeable Batteries (120V AC/60Hz Charger/Adaptor included).
Included	.1875"/4.8mm Diameter Carbide Probe, Probe Holder
Accessories	AC Charger/Adaptor, Probe Calibration Block
Dimensions	Length 11" (279mm), Width 7-3/4" (197mm), Height 36-1/2" (927mm)
Weight	40 lbs. (18 kg)
Perpendicularity	.0004" (0.010mm)



Electronic Height Gage

3752 Electronic Height Gage

is a full featured, versatile and economic solution for most height measurement applications.

Readability and Control Features

- Clear bar graduations in .100" and 5mm increments
- Large (.380"/9.65mm), easy-to-read LCD display reads to .0005" or 0.01mm
- Instant inch-millimeter conversion
- "HOLD" retains reading at any position
- Plus or minus indicator
- ZERO Set at any position
- Automatic off after 30 minutes of nonuse

- Large positive action keypad
- Retain and return to the true zero
- PRESET to enter any value at any position
- Set minimum and maximum limits
- RS232 output allows data transmission through the DataSure® Wireless Data Collection System or cable
- 0-24" Range

Cat No.	EDP	List Price:	Sale Price:
3752-24/600	68816	\$1,155.00	\$1,039.50

Height Transfer Gage

252 Height Transfer Gage

Ideal for use with test indicators or electronic amplifiers to accurately transfer height settings from gage blocks, height gages and other standards.

Features

- Extreme rigidity provides vibration-proof stability for precise, repeat readings
- Adjusting mechanism located in the base to isolate the column and indicator
- A snug on the slide has two holes (.375"/9.5mm and .156"/4mm)
- The included PT06784-A Gage Holding Rod has a major diameter of .375" (9.5mm) and stepped diameters of 1/4" (3.2mm) and 7/32" (5.5mm) at one end and 5/16" (8mm) at the opposite end.
- Will accommodate Starrett 25, 81, 655, and 656 Series Dial Indicators, 708 and 709 Test Indicators, and 196 Universal Back-Plunger with available PT18718 or PT18724 snugs and PT22428 swivel clamp

717 Electronic Gage Amplifier.

- Analog and digital output
- Accuracy within ± 2 percent of full scale
- Ranges vary from $\pm .010"$ to $\pm .0001"$ (± 0.200 mm to ± 0.002 mm), with gage graduations from .0005" to .000005" (0.01mm to 0.0001 mm)

Cat No.	EDP	List Price:	Sale Price:
717	67001	\$1,747.00	\$1,572.30

715 Lever-Type Gaging Head

- Mounts in place of dovetail or AGD lug-type dial indicators
- 8-12 grams pressure: $\pm .010"$ (0.25mm) measuring range .078" (2mm) diameter contact – .031" (0.8mm) and .062" (1.6mm) diameter

Cat No.	EDP	List Price:	Sale Price:
715-1Z	64479	\$1,343.00	\$1,208.70

252 Height Transfer Gage



Height Transfer Gage

Range	Fine Adjustment (apprx)	Gage Rod Dimension	Cat. No	EDP	List Price	Sale Price
0-14" (350mm)	3/8" (9.5mm)	9"L x .375" Dia. (225mm x 9.5mm) with steps	252Z-14	55890	\$794.00	\$714.60
0-24" (600mm)			252Z-24	51216	\$1,327.00	1,194.30
0-48" (1200mm)			252Z-48	51217	\$2,177.00	1,959.30



Analog Bench Hardness Tester

3814 Analog Bench Hardness Tester

This hardness tester is economically priced conforms to ASTM E-18 standard. The tester is furnished with a diamond indenter, a 1/16" (1.6mm) ball indenter, three certified test blocks, four test tables – 5.87" (149mm) and 2.5" (63.5mm) flat anvils, 5/8" (15.9mm) spot anvil and a standard vee anvil.

Features

- Handles Rockwell scales A through H and K
- Ideal hardness testing for many applications
- Cast iron construction
- Analog dial gage
- 30 x 8.5 x 20" (762 x 216 x 508mm)
- 267 lbs. (121kg)
- Accessory case included

Analog Bench Hardness Tester

Cat No.	EDP	List Price:	Sale Price:
3814	67754	\$2,389.00	\$2,150.10

Specifications

Minor Load	10Kgf
Major Load	A: 60Kgf, B: 100Kgf, C: 150Kgf
Test Force Application	(Dead weight applies test force)
Test Force Control	Hydraulic Dashpot System
Throat Depth	6.6" (168mm)
Maximum Test Height	6.69" (169.9mm) **

**Requires bench alteration

Automated Digital Hardness Testing System

3817 Automated Digital Hardness Testing System

State-of-the-art hardness testing measures all Rockwell, Rockwell Superficial, Vickers and Brinell Scales. It meets or exceeds all major industry standards requirements, accurately and efficiently.

It is durable, easy-to-use and exceptionally precise. This full-featured system offers one-touch automated testing with minimal operator involvement.

Features

- Closed-loop NTEP load cell technology improves better repeatability than conventional weights method
- Preset dwell times and automatic cylindrical correction for hardness value comply with ASTM E-18 tolerances
- Hardness numbers are displayed from 1 to 1/100th point on the digital control panel, which is easy to use and to view
- Built-in electronic conversion charts for cross-referencing hardness scales and approximating tensile strength - no mechanical or electronic adjustments required
- Meets or exceeds ASTM and ISO requirements, and meets Direct NIST Traceability requirements
- RS232C output
- Detachable clamping device for oversized or irregular parts
- Self-contained head assembly adaptable for special applications
- Rigid, modular base assembly
- Upper and lower limit alarms
- Fitted tray for indentors and anvils
- Includes detachable clamping device, direct verification certificate for load, depth, hysteresis and timing, indirect verification certificate for B, C, 30N and 30T scales, operator manual, indenter installation tool, and AC power cable
- 2-year limited warranty



Automated Digital Hardness Testing System

Cat No.	EDP	List Price:	Sale Price:
3817	67756	\$18,984.00	\$17,085.60



Portable Hardness Tester

3811 Portable Hardness Tester

Compact, high accuracy, and a wide measuring range, the 3811 combines the universal impact device D and a data processor designed into a single unit. It automatically computes at Vickers, Brinell, Rockwell and Shore hardness values. With "plug and play" optional impact devices, this unit can effectively test almost any combination of material, size and shape.

Features

- Compact size
- Universal impact device D
- Impact energy 8 ft.-lbs. (11Nm)
- Impact direction any angle
- Tungsten carbide test tip
- Max sample hardness- 980HV

- Supplied with calibrated test block
- Measuring accuracy of $\pm 0.8\%$ (corresponding to ± 1 HRC @ HRC=58)
- Min sample weight- 11 lbs./5kg (<5kg - 0.1kg coupled on solid support)
- Sample thickness- 0.2" (5mm) (coupled: 0.12"/3mm) - 0.32" (0.8mm)
- Min radius of curved surface- 1.2" (30mm) (with support rings: 0.43"/11mm)
- Operating temperature - 32° - 122° F (0-50° C)
- 2-1/2" W x 1-1/8" D x 6-1/2" L (64 x 29 x 165mm)

Portable Hardness Tester			
Cat No.	EDP	List Price:	Sale Price:
3811	67184	\$2,504.00	\$2,253.60

Portable Surface Roughness Tester

3800 Portable Surface Roughness Tester

Small, economical and easy-to-use instrument for measuring surface texture conforming to traceable standards. It works on flat, outer cylinder, outer cone, grooves, and recessed surfaces greater than 3-1/4" x 1-1/4" (80 x 30mm).

Features

- Roughness parameter: Ra (ISO), Rz (DIN)

- Range: Ra: 0.05 - 10.0 μ m/Rz: 0.1 - 50 μ m
- Roughness parameter: Ra (ISO), Rz (DIN)
- Cutoff lengths: 0.0009", 0.03", 0.09"
- RC analog filter
- Tracing length of 0.23" (6mm) and speed 0.04"/second (1.0mm/second)
- Conform ISO Class 3 accuracy
- Piezo-electric pick-up stylus with diamond tracer tip, radius 10 μ m + -2.5 μ m
- Operating Temperature: 32-104° F (0-40° C)
- Uses 3.6v/2xNiMh batteries/ PV DC Charger
- Probe force <1.8 ozf (<1.6gf)
- Static Measuring Force on Sensor Stylus <0.06 ozf (<1.6gf)

Portable Surface Roughness Tester			
Cat No.	EDP	List Price:	Sale Price:
3800	67182	\$1,651.00	\$1,485.90



Portable Surface Roughness Tester measuring the surface texture of a steel bar. Results are obtained at the touch of a button.



Digital Durometer

3805A Digital Durometer

Lightweight, economical, very accurate durometer. It is ideal for fast, convenient testing of rubber, PVC, leathers, vinyl, acrylic and other similar materials.

Features

- Measures hardness in popular Shore A values
- Accurate and repetitive deviation of 20-90 HA < ± 1 grade
- Resolution of .1HA
- Measuring range of 0-100HA
- Contact is made with a 35° blunt point
- Conforms to ASTM D-2240, ISO 7619 standards
- Ability to allow averaging and to lock in peak value
- Compact size of 6.40 x 2.56 x 1.12" (163 x 65 x 28mm)
- Supplied with rubber test block RBR-63 and 4 AAA batteries

Portable Hardness Tester			
Cat No.	EDP	List Price:	Sale Price:
3805A	12265	\$699.00	\$629.10



Accubore® Electronic Bore Gages

781XT AccuBore® Electronic Bore Gages with output

AccuBore® is a high-quality, trigger-activated, three-point contact bore gaging system with extended range. Its convenient single-hand operation provides speed and control. Simply squeeze the trigger, insert the gage into the bore and release the trigger for an instant reading from the large, easy-to-read digital display.

AccuBore's mechanically-driven parallel anvils extend simultaneously, establishing a more true alignment to the axis of the bore and providing consistent pressure. The result is more accurate readings than models with spring-driven contacts.

Features

- Single-hand operation with right- and left-hand viewing
- Large, easy-to-read display
- Enhanced wear life with carbide-faced contacts – available from 1/2" to 8"
- "Go/No Go" tolerance indicator lights
- True alignment with mechanically-driven parallel anvils
- Resolution .00005" (0.001mm)
- Accuracy of up to .00015" (.004mm)
- Push button inch/metric conversion
- Preset and preset recall
- Hold, max/min and zeroing capabilities
- Blind bore measurement
- Specialized heads available for thread, groove and other non-standard measurements on request
- Output capability for Statistical Process Control (SPC) analysis via devices such as the Starrett Nos. 772 Collector or 761 Multiplexer, or download of data directly to a PC by an RS232 connection. (Direct to PC cable available on request.)



Output jack enables collection of measurement data for SPC analysis

AccuBore® Electronic Bore Gages

Individual-3 point Contact-Fixed Anvils

Range	Accuracy	Approx Meas. Depth	Ring Diameter	Cat. No	EDP	List Price	Sale Price
Inch(mm)	Inch(mm)	Inches(mm)	Inches(mm)				
.75-1(20-25)	.00015(.004)	2.625(66)	.750(19.05)	781XTZ-1	68651	\$2,596.00	\$2,336.40
1-1.375(25-35)			1.375(34.93)	781XTZ-138	67685	2,938.00	2,644.20
1.375-2(35-50)				781XTZ-2	67686	3,011.00	2,709.90
2-2.625(50-65)	.00025(.005)	3.0625(80)	2.625(65.68)	781XTZ-258	67687	3,076.00	2,768.40
2.625-3.25(65-80)			3.250(82.55)	781XTZ-314	67688	3,076.00	2,768.40
3.25-4(80-100)				781XTZ-4	67689	3,266.00	2,939.40
4-5(100-125)	.00025(.006)	4(100)	5.0(127.00)	781XTZ-5	67690	3,574.00	3,216.60

Sets-3 point Contact-Fixed Anvils

Range	No. of Heads	Number of Rings	Cat. No	EDP	List Price	Sale Price
Inch(mm)						
.250-.750(6-10)	5	3	S781XTHZ	68658	\$3,810.00	\$3,429.00
.750-2.00(20-50)	3	3	S781XTEZ	67694	4,069.00	3,662.10
.750-4.00(20-100)	6	4	S781XTJZ	67697	6,588.00	5,929.20
2.00-4.00(50-100)	3	2	S781XTFZ	67695	4,812.00	4,330.80
4.00-8.00(100-200)	4	4	S781XTGZ	67696	8,823.00	7,940.70



Sets include gage, contacts, setting rings, calibration and a 3v lithium battery in a protective carrying case.

Direct Reading Bench Micrometer

673 Direct-Reading Bench Micrometer

High precision instrument, ideal for shop or inspection laboratory. It can be used as a comparator, measuring to fifty-millionths of an inch (.000050") or two-thousandths of a mm (0.002mm), or for direct measuring to .0001" or 0.002mm. Parts from 0- 2" can be measured.



Direct Read Bench Micrometer shown in use with a Starrett 718 Amplifier

Features

- The base is a heavy, rigid casting, incorporating at the left end a movable anvil which actuates a linear, friction-free motion transfer mechanism between the anvil and the indicator to assure high accuracy
- Large 3" thimble diameter allows widely spaced, easy-to-read graduations
- The head has a speeder and special ring-type lock nut to firmly hold the setting with no distortion
- Work can be accurately aligned between the anvil and spindle by adjusting the table to the proper height and locking it in position
- Long life carbide faced spindle
- Can be adapted for use with a 718 Analog Amplifier or 776 Electronic Gage Amplifier to read to ten-millionths of an inch (.000010") or 0.0001mm

Electronic Internal Micrometers With IP65 Protection

780XT Electronic Internal Micrometers with IP65 Protection (with output)

780XT Series Electronic Internal Micrometers provide IP65 level of protection against coolant, water, dirt and dust in hostile shop environments. In addition, they offer extended travel, reducing the need to exchange anvils. The ground contact points seat the internal micrometer faster and more accurately than the spherical contacts found on other gages.

Features

- Wide measurement range without changing anvils
- IP65 level of protection against coolant, water, dirt and dust
- Resolution to .00005" (0.001mm)
- Large high-contrast LCD digital readout is easy to read and reduces error
- RS232 output
- Carbide measuring faces
- Extensions available for deep holes
- Includes instant inch/millimeter conversion and preset + and - functions
- Precision ratchet stop provides correct contact pressure for accurate readings



Electronic Internal Micrometers with IP65 Protection (with output)

Individual-3 point Contact-Fixed Anvils

Range	Accuracy	Meas. Depth	Ring Diameter	Cat. No	EDP	List Price:	Sale Price:
Inch(mm)	Inch/mm	Inches(mm)	Inches/mm				
.750-1(20-25)	.00015(.004)	2.625(66)	.750(19.05)	780XTZ-1	12027	\$2,161.00	\$1,944.90
1-1.375(25-35)			780XTZ-138	12028	2,552.00	2,296.80	
1.375-2(35-50)			780XTZ-2	12029	2,522.00	2,269.80	
2-2.625(50-65)	.00025(.005)	3.0625(80)	2.625(65.68)	780XTZ-258	12030	2,876.00	2,588.40
2.625-3.25(65-80)			780XTZ-314	12032	2,803.00	2,522.70	

Sets-3 point Contact-Fixed Anvils

Range	No. of Heads	No. of Rings	Cat. No	EDP	List Price:	Sale Price:
Inch(mm)						
.250-375(6-10)	2	1	S780XTCZ	12044	\$2,493.00	\$2,243.70
.375-.75(20-50)	3	2	S780XTDZ	12045	3,013.00	2,711.70
.750-2(20-100)	3	2	S780XTEZ	12046	3,949.00	3,554.10
2-4(50-100)	3	2	S780XTFZ	12047	4,511.00	4,059.90
4-8(100-200)	4	2	S780XTGZ	12048	8,091.00	7,281.90

Direct Reading Bench Micrometer

Cat No.	EDP	List Price:	Sale Price:
673XZ	67191	\$2,666.00	\$2,399.40

Galileo® EZ

The Galileo® EZ

General-purpose video-based measurement system ideal for quality assurance and inspection labs and manufacturing, assembly and research facilities. A precision mechanical bearing X-Y stage and Z column translates data accurately and repeatably to a dedicated metrology display or host PC with measurement software and choice of system enhancements.

Features

- 8" x 4" (200 x 100mm) X-Y measuring platform with 6" (150mm) of Z-Travel
- 6 to 1 zoom video optics
- Dual output 150 watt, fiber optic illuminator
- Hi-resolution color video camera
- .5-micron resolution scales standard
- Compatible with the QC-300 and QC-200
- Fiber optic ring light and collimated substage light
- Calibrated and certified for system accuracy
- Granite base
- One year warranty

Specifications

- Accuracy, X-Y: E1=2.5+7L/1000
- Resolution: .00002" (.0005mm)

- X-Y Squareness, within: .0001"/inch(.0025mm/25mm)
- Column to stage, within: .00016"/inch (.004mm/25mm)
- Maximum workload: 20lbs. (9kg)
- Zoom magnification: 6.5 to 1 on QC-300 monitor, approx. 20X to 120X range

Options

- Z-axis measuring
- 2X auxiliary lens
- 150mm line standard for system calibration verification
- Co-axial illumination and 3-light illuminator
- Image Archiving



Galileo® EZ

Cat No.	List Price:	Sale Price:
EZ200-QC320-2FO (axis X-Y only)	\$17,715.00	\$14,995.00
EZ200-Z-QC320-2FO (axis X-Y-Z)	19,767.00	16,795.00



KineMic™ Video Microscope

KineMic™ Video Microscope

is a modular-video based inspection system that is ideal for quality assurance, receiving inspection, training, manufacturing, assembly, research and documentation.

The system includes a microscope stand with coarse-fine focus control and zoom lens with a 6:1 ratio magnification range, LED illumination, hi-resolution color video camera and 15" LCD monitor.

Options include a choice of X-Y measuring stage, digital read-out micrometers or metrology and imaging software.

Features, Specifications & Options

- Video magnification with standard magnification range: 15" LCD Monitor, 34x to 215x
- Field of view: .360" low to .056" high
- Camera: Color CCD/S-Video output
- Lighting: LED Ring
- Coarse/fine focus control
- One year warranty

KineMic	
Cat No.	KineMic
List Price:	\$3,500.00
Sale Price:	2,995.00

Horizontal Benchtop Measuring Projector HE400-221



The Starrett HE400-221

Provides exceptional performance, a large 16" screen, a full range of features, and Starrett quality at a competitive price.

Standard Features

- Sturdy, all metal construction
- 16" (400mm) screen with integral hood, precision cross lines and calibration markings
- 10 x 4" (254 x 100mm) measuring travel
- High precision workstage with 18.9 x 4.7" (480 x 120mm) top plate
- 15.4lbs (7kg) workstage capacity with 55lbs (25kg) max. capacity

- 13.8" (355mm) capacity between centers
- Lamphouse mounted helix adjustment for accurate threadform inspection
- Fine adjustment on all axes, plus zero backlash, fast traverse X-axis mechanism
- Fully retractable duplex fiber optic surface illumination
- Fan cooled halogen profile illumination with high/low intensity and yellow/green filter
- Heidenhain .00005" (0.001mm) resolution scales
- Digital protractor (1 minute res.) Q-Axis
- Optical edge detection (optional)

Horizontal Benchtop Measuring Projector		
Cat No.	List Price:	Sale Price:
HE400-221 (Does not include Lens)	\$9,084.00	\$8,495.00
Optical Edge Detection	1,615.00	1,518.00
Choice of 10X, 20X, 25X or 50X Lens	790.00	729.00

- 10x, 20x, 25x, 31.25x, 50x, and 100x magnifications available
- Available with OV², Optical-Video Adaptor.
- QC221 Advanced Digital Readout system

Remote Display & Probes

WISDOM® Series Remote Displays and Probes

These displays with probes will make absolute, incremental and/or comparative measurements and implement all the features of WISDOM Plus Indicators. System is ideal where viewing and operation ease are required. It is also suitable for any stand-alone gaging application.

Features

- Remote display is a rugged enclosure with a 5/8" (16mm) high, easy-to-view LCD readout
- Power sources include 110V 50/60hz, or battery operated (without backlight)
- Probe and display can be separated by a distance of up to 6' (1.8 meters)
- Cable is hard wired to the probe and has a jack for convenient connection to the remote display box
- Readout box can be elevated for desired viewing

WISDOM® Series Remote Displays

Resolution Inch/mm	Power	Cat. No	EDP	List Price:	Sale Price:
.00005/0.001	110 Volt	R2762-0	65878	\$836.00	\$752.40
.0001/0.002	110volt	R2760-1	65876	836.00	752.40

Remote Display Probes

Range Inch/mm	Resolution Inch/mm	Cat. No	EDP	List Price:	Sale Price:
.250/6	.00005/0.001	P2711-0	65870	\$343.00	\$308.70
	.0001/0.002	P2711-1	65871	305.00	274.50
.600/15	.00005/0.001	P2721-0	65872	343.00	308.70
	.0001/0.002	P2721-1	65873	305.00	274.50
1.0/25	.00005/0.001	P2731-0	65874	360.00	324.00
	.0001/0.002	P2731-1	65875	316.00	284.40
2.0/50	.0001/0.002	P2741-1	65978	696.00	626.40
4.0/100	.0001/0.002	P2751-1	65979	1,142.00	1,027.80



No. R2760-1 Remote Display

Starrett-Webber Gage Blocks

Starrett-Webber Gage Blocks

Precision gage blocks are the primary standards vital to dimensional quality control in manufacturing. Starrett-Webber gage blocks excel in each of the four major characteristics of gage blocks – accuracy, surface finish, wear resistance and dimensional stability.

Gage Block Features

- Traditional high-grade steel gage blocks that are generally used in shop floor environments
- Ceramic gage blocks have an advantage over regular steel. They will outwear regular steel and will not corrode
- croblox® Chromium Carbide – the superior gage block material. The reason that our Webber Gage Division emphasizes gage blocks made from Chromium Carbide is because they are the most stable measuring devices ever developed



Starrett-Webber Gage Blocks

Type	Measuring Range	Blocks Per Set	Blocks included in set	Cat. No	EDP	List Price	Sale Price
Rectangular croblox®	.100-12.000 in Steps of .001	81	9 Blocks .1001 Through .1009 (Steps of .0001)	RC 81.A1	92885	\$5,400.00	\$4,860.00
Rectangular Ceramic			49 Blocks .101 Through .149 (Steps of .001)	RY 81.A1	97602	4,950.00	4,455.00
Rectangular Steel			19 Blocks .050 Through .950 (Steps of .050)	RS 81.A1	92913	1,340.00	1,206.00

Digi-Chek™ Height Gages

DIGI-CHEK™ Height Gages

combine the accuracy of Webber Gage Blocks with a Starrett precision micrometer head. To maximize stability, the gage is housed in a heavily flanged frame and the base has three-point hardened, ground, and lapped bearing pads.

DIGI-CHEK™ Features

- Gage blocks are assembled in a free-standing system that allows the blocks to conform independently of the frame
- Satin chrome scales for quick reference to the nearest 1" (25mm) reading
- Digital readout graduated to .001" or 0.01mm with a range of 1" or 25mm
- Reads directly from the micrometer head to .0001" or 0.002mm
- Reference surfaces on the top and bottom of each block
- Readings can also be taken from left, center, or right of the column
- Parts can be checked from .100" or 2mm in height
- Column design allows wringing a 1" block between two blocks in the column to set and/or check other gages
- A 10" riser block is available for increased height capacity



DIGI-CHEK™ Height Gages

Range	Scales	Digital Readout	Micrometer Head	Gage Accuracy	Cat. No	EDP	List Price	Sale Price
.001"-12.100"	Inches	.001"	.0001"	±.0002"	DHG12-258	93005	\$3,802.00	\$3,421.80
.001"-18.100"					DHG18-258	93006	\$5,103.00	4,592.70
.001"-24.100"					DHG24-258	93357	\$7,804.00	7,023.60

DataSure®

DataSure®

DataSure gathers data from electronic measuring tools and delivers it to a PC - without wires and with reliable confirmation at the tool that the data has been received.

DataSure at a Glance

- DataSure users receive confirmation at the tool, indicating successful or unsuccessful data transmission
- End Nodes can store up to 10 readings in the event that the main system is down or busy.
- Works with Starrett, Mitutoyo/Digimatic, Sylvac, CDI tools, and other gages
- Each Gateway has a range of up to 100' (30m)
- Each End Node radio's range is approximately 80' (25 meters). Adding routers can increase range in 100 foot (30 meter) increments
- The multi-mode function allows one tool to be connected at a Gateway for simple installations, or up to 20 multiplexers or 100 tools each for complex shop environments
- Data acquisition from tools can be initiated by operator or host control
- Network, tool, and End Node battery status are automatically monitored and recorded

- Rechargeable routers are ideal for mobile applications or very large environments
- Software is easy to use with tools and groups easy to customize, it runs in familiar Microsoft Internet Explorer
- Exports data to main application, SPC software, CSV file formats or over your LAN

New and Improved End Node

The new, on-the-tool radio (End Node) has a smaller form factor than the original version. In addition it:

- Resists coolant and contaminants
- Has field replacement cables
- Supports the same tools as the first generation End Nodes



The DataSure Gateway is the central point for data collection and tool management. The gateway plugs into your PC through a USB port.



Each DataSure router extends the system's range in increments of up to 100' (30 meters). They ensure system robustness by providing alternate signal paths



End Node connected to 795 Micrometer

Gateway and Router				
Catalog No.	EDP	Description	List Price:	Sale Price:
1500-1-UN	12051	Gateway for USB port	\$1,134.00	\$1,020.60
1500-2-N	12059	Router, 120/240 VAC	809.00	728.10
End Nodes				
1500-3-1N	12064	For Starrett Optp, Cat. Nos. 782, 797, CDI, Sylvac	494.00	444.60
1500-3-2N	12068	For Starrett Catalog No. 795	494.00	444.60
1500-3-4N	12076	For Starrett Catalog No. 2700	494.00	444.60
1500-3-5N	12080	For Starrett Catalog Nos. 2000, 2001, 3752	494.00	444.60



New and improved End Node

Starrett®

Custom Solutions
Winter/Spring 2009 Sale



Specifications subject to change • Valid through April 30, 2009 • Sale Prices In U.S. Dollars.
Promo 90 Custom Solutions Winter/Spring 2009
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