

GRANITE DIAL GAGE STAND SERIES 223:

Black granite base can be used as a small tool-maker's and inspector's granite surface plate. Fine adjustment knob. For use with any indicator.

SPECIFICATIONS

.00005" Flatness
Base: 6" x 6" x 2" Thick
Column Height: 10"

Order No. 1545000

Price



Indicator not Included



DIAL COMPARATOR STAND WITH FINE ADJUSTMENT SERIES 223:

Anvil Size: 2-3/8" (60mm)
 Throat Depth: 3" (75mm)
 Measuring Range: 5" (125mm)

- Compact and versatile
- Rugged enamelled cast iron base
- Rustproof chrome plated column at right angle to base
- Hardened and precision ground round serrated anvil
- Provided with fine adjustment knob for zero setting
- Suitable for all dial gages including 3/8" and 5/16" dia. stem
- Base dimension: 6" x 4" (150 x 100mm)
- Column diameter: 1" (25.4mm)

Order No. 2230000

Price



Indicator not Included

DIAL GAGE STAND SERIES 223:

Precision Ground Base.
 Fine adjustment knob.
 For use with any indicator.

SPECIFICATIONS:

Base: 5-1/2" x 4-1/4"
Column Diameter: 1"
Working Capacity: 8-1/2"

Order No. 1545005

Price



Indicator not Included



DIAL COMPARATORS STARRETT SERIES 653, 653G:



Bench type comparator gages are ruggedly built for in-process and final inspection work. The Starrett jewel-bearing dial indicator is mounted on a beam that can be adjusted vertically on an upright post. A knurled thumb screw locks the beam in any position, and a sliding ring with locking screw (below the beam) permits swinging the indicator to either side. The ring also acts as a safety device, preventing accidental dropping of the beam. Fine adjusting knob is located on the beam. Lever on dial indicator can be positioned for left or right hand operation. A ribbed, precision ground, cast iron base measures approximately 8" x 9" (200x225mm). A Grade A crystal pink granite base, 8" x 12" x 2" (200x300x50mm), finished to an overall tolerance of .0001" (0.0025mm). Specifications common to both gages are: 9-1/4" (235mm) maximum vertical capacity; 5" (125mm) maximum throat depth; 1/2" (12.7mm) vertical adjustment of indicator. Any AGD dial indicator or AGD electronic digital indicator can be interchanged with indicators listed.



MACHINIST KITS SERIES 640:

With the high quality tools contained in these kits, O.D.'s, I.D.'s, Depths, and Lengths can be accurately and reliably measured. Fitted plastic case.



0-1" Micrometer	6" Dial Caliper	6" Rule
<ul style="list-style-type: none"> • .0001" grad. • Carbide tipped faces • Friction thimble • Satin chrome sleeve • Locknut 	<ul style="list-style-type: none"> • Reading .001" • Fully hardened stainless steel • Outside, inside and depth measurement • Satin chrome finish 	<ul style="list-style-type: none"> • 1/8, 1/16, 1/32, 1/64 graduations • Satin chrome finish • Stainless steel • Fully flexible
Order No. 6400001		Price <input type="text"/>

TOOL KITS SERIES 640:



Order No.	Description	Price
3 Piece Set 6400003	0-6" White face Dial Caliper .03x.0005" White face Test Indicator 0-1x.0001" Outside Micrometer	<input type="text"/>
6 Piece Set 6400006	0-6" White face Dial Caliper 0-1" White face Dial Indicator .03x.0005" White face Test Indicator 0-1x.0001" Outside Micrometer Magnetic Base W/fine adj. 22-pc Indicator Point Set	<input type="text"/>

Complete Stands Including Indicator

Dial Indicator Specifications				With Cast Iron Base		
Grad.	Dial Reading	Range	Indicator No.	Catalog No.	EDP No.	Price
.001"	0-50-0	.250"	655-141J	653J	52737	<input type="text"/>
0.01mm		2.5mm	655-181J	653MJ	56146	<input type="text"/>

Complete Stands Including Indicator

Dial Indicator Specifications				With Granite Base		
Grad.	Dial Reading	Range	Indicator No.	Catalog No.	EDP No.	Price
.001"	0-50-0	.250"	655-141J	653GJ	55966	<input type="text"/>
0.01mm		2.5mm	655-181J	653GMJ	56127	<input type="text"/>

Stands Only

Description	Catalog No.	EDP No.	Price
Comparator with cast iron base, without indicator	653	55917	<input type="text"/>
Comparator with granite base, without indicator	653G	56646	<input type="text"/>

SELECT PRECISION MEASURING TOOL SETS

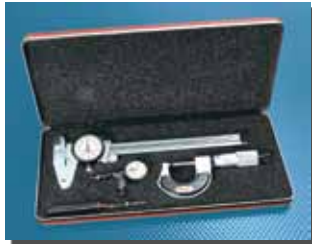


STARRETT SERIES 905:

- Set includes basic tools and test indicator for a wide variety of precision measuring.
- Furnished in attractive, protective case.

Set Inch (Metric) includes Starrett:

- No. T231XRL (V231MXRL)
1" (25mm) Micrometer with carbide faces and thermal insulators on frame.
- No. 120A-6 (120M-150)
6" (150mm) Dial Caliper.
- No. C604RE-6 (C635E-150)
6" (150mm) Spring Tempered Precision Rule.
- No. 711FSA (711MFSA)
LASTWORD® Dial Test Indicator with Universal Shank .001" / 0.01mm Graduation.



Description	Catalog No.	EDP No.	Price
Inch Set	S905AZ	65805	
Metric Set	S905MAZ	65806	

BASIC PRECISION MEASURING TOOL SETS



STARRETT SERIES 909:

- Sets include three of the most commonly used tools for a wide variety of precision measuring.
- Furnished in attractive, protective case.

Basic Inch (Metric) Set includes Starrett:

- No. 436XRL-1 (436MXRL-25)
1" (25mm) Outside Micrometer
- No. 120A-6 (120M-150)
6" (150mm) Dial caliper
- No. C604R-6 (C635E-150)
6" (150mm) Spring Tempered Precision Rule



Description	Catalog No.	EDP No.	Price
Inch Set	S909Z	65122	
Metric Set	S909MZ	65668	

DIGIMATIC TOOL KITS

MIT SERIES 950:

The Digimatic Tool Kits include Mitutoyo's highly popular 0-1"/0-25mm Digimatic Micrometer and 0-6"/0-150mm Digimatic Caliper. The case is made of handsome mahogany and has spaces for gage batteries. The micrometer spanner is a supplied accessory.



INCH/METRIC

New Technology Tool Kit - includes:	
Item No.	Description
182-112	6" Black Steel Rule
293-677	0-1.2"/0-30mm IP-54 rated Quickmike
500-464	0-6"/0 150mm Solar Caliper
64PPP931	Mahogany Case



950-921

Catalog No. 950-923
Order No. 950923
Price

INCH/METRIC

Digimatic Tool Kit Lite - includes:	
Item No.	Description
182-112	6" Black Steel Rule
700-113	0-6"/0-150mm My Cal Lite
293-811	0-1"/0-25.4mm MDC Lite (Ratchet Thimble)
64PPP932	Mahogany Case

Catalog No. 950-921
Order No. 950921
Price:

ELECTRONIC TOOL KIT

SERIES 725:



- RANGE: 0-1"/0-25mm**
- MICROMETER FEATURES:**
- 5 keys Positive-designed electronic micrometer
 - Large and clear LCD.
 - Absolute and incremental conversion.
 - Friction thimble.
 - Data hold and tolerance set.
 - SPC output
 - .00005"/.001mm

- RANGE: 0-6"/0-150mm**
- CALIPER FEATURES:**
- Rugged construction of stainless steel with no rack, no pinion, and no glass scale.
 - 5 Digit high contrast display
 - Inch / Metric switch
 - Floating "Zero" reference point
 - Resolution ± .0005" / 0.01mm
 - Accuracy .001"
 - SPC Output
 - Four way measurement
 - Includes: fitted case / battery

Order No. 6000057
Price

BASIC ELECTRONIC TOOL SETS (WITH OR WITHOUT OUTPUT)



STARRETT SERIES 759:

- Set No. S766BZ (with Output) includes:**
- 797B-6/150 – 0-6" / 0-150mm Electronic Digital Slide Caliper
 - 795XFL-1 – 0-1" / 0-25mm Electronic Digital Outside Micrometer
- Set No. S776AZ (without Output) includes:**
- 799A-6/150 – 0-6" / 0-150mm Electronic Digital Slide Caliper
 - 3734XFL-1 – 0-1" / 0-25mm Electronic Digital Outside Micrometer



- Sets include same tools with or without output.
- Basic starter set for electronic measuring.
- Furnished in attractive, protective case.

Description	Catalog No.	EDP No.	Price
With Output	S766BZ	9911606	
Without Output	S766AZ	12206	

PRECISION TOOLS

CO-AX INDICATOR

SERIES 219:

The **Blake CO-AX Indicator** provides a simplified method for centering a workpiece or fixture on Horizontal or Vertical machines. Face of the indicator remains stationary in any desired position while the machine spindle rotates, thus leaving the operator with both hands free to accurately position the machine table by coordinated movement of the table.



Supplied Complete with indicator, internal feeler, external feeler, restraining arm and fitted box.

SPECIFICATIONS:

- **Length:** 6-7/8"
- **Shank:** 3/8" Diameter x 7/8" long
- **Weight:** 9-1/2 oz.
- **Feeler Ball:** 1/8" Diameter
- **Measuring Range:** .250" Axis Offset.
- ***Capacity:** Internal, 5/32" to 4-1/4" Dia.
External, 0 to 4-1/4" Dia.
- **Speed:** not recommended to exceed 800RPM approx.
- **Locating Accuracy:** to within .0002" of true center.
- **Initial Positioning:** within 7/16" dia. circle of true location.

* Capacity can be increased to 12" dia. by use of accessory feelers.

Order No.	Price
2190000	

Model No.	Description	Order No.	Price
851-C2	Feeler, inside dia., Carbide, Range: 4.250"	2198512	
852-C2	Feeler, outside dia., Carbide, Range: 4.250"	2198522	
851-4	Feeler, inside dia., Range: 8.000"	2198514	
851-6	Feeler, inside dia., Range: 12.000"	2198516	
852-6	Feeler, outside max. dia. 12.000"	2198526	
853	Assembly, center point feeler	2198530	

CENTERING INDICATOR

SERIES 219:



- Designed for quick and accurate centering of a work piece or fixture.
- Operates at any angle.
- Use on vertical and horizontal machines
- Use for internal and external diameters.
- While spindle rotates, the centering indicator remains stationary and always faces the operator



Supplied complete with:
restraining rod, center point feeler, 4" straight feeler, 8" straight feeler, 12" straight feeler, 4" curved feeler, 8" curved feeler, 12" curved feeler, fitted case

INCH

Specifications	
Length:	6-7/8"
Shank:	3/8" dia. x 7/8" long
Probe ball:	1/8" diameter
Measuring range:	.250 axis offset
Capacity:	Internal: 5/32" to 4-1/4" dia. External: 0 - 4-1/4" dia.
Speed:	Not exceed 800RPM Approx.
Locating accuracy	To within 0.00025" of true center
Graduation:	0.0005"

Order No.	Price
2190005	

INDICATOR GROOVE GAGES

STARRETT SERIES 1175:



This lightweight, hand-operated gage is for in-process or bench inspection of oil grooves, snap ring retainer grooves, "O" ring seat retainer grooves and similar internal recesses. It is also useful for checking bore dimensions and revealing the presence of taper, bell-mouth and out-of-roundness. The gage consists of a pistol grip frame with gaging contacts mounted on a reference jaw and a sensitive jaw. The sensitive gaging contact, which has a 1/2" (12.7mm) retractable range, transfers the work dimension through a linear friction-free transfer mechanism to the dial indicator. Since the lower reference jaw is fixed, it supports the entire weight of the gage and the operator's hand, thus preventing incorrect gaging pressure and false readings. Furnished with jewel bearings, in case.

Range	Grad.	Dial		Catalog No.	EDP No.	Price
		Reading	Range			
.375-6"	.0005"	±30	.060"	1175Z	53173	
9.5-150mm	0.01mm	±100	2.5mm	1175MZ	65032	