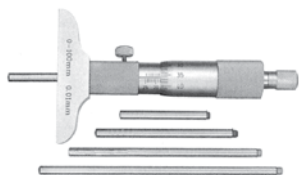


## DEPTH MICROMETERS

SERIES 207:



Range	Length of Base	No. of Rods	Order No.	Price
0-4"	2-1/2"	4	5001502	
0-4"	4"	4	5001503	
0-6"	4"	6	5001504	

Range	Length of Base	No. of Rods	Order No.	Price
0-100mm	63mm	4	5001100	
0-100mm	101.5mm	4	5001125	
0-150mm	101.5mm	6	5001150	

Rods are easily interchangeable and adjustable. Base fully hardened and lapped for highest accuracy. All surfaces are satin-chrome plated. Ratchet stop. Graduated in .001" or .01mm.

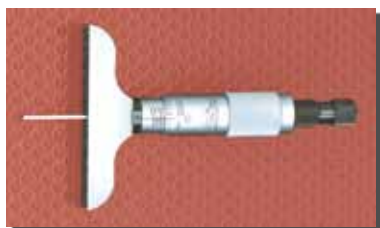
### Quality Precision Tools



The Choice Is Yours!!!

## MICROMETER DEPTH GAGES WITH NON-ROTATING BLADES

STARRETT SERIES 449:



Non-rotating, blade-type rods approximately .045" thick x 1/8" wide (1.2 X 3.2mm). By holding the base in one hand, the blade can be turned with the fingers and positioned at any angle relative to the base. The blade does not turn, but moves perpendicularly only, permitting depth measurement of narrow shoulders without the blade rolling off. The micrometer screw is precision ground. Bases and rods are hardened, ground and lapped. Rods have individual length adjustment. Added features include no-glare satin chrome finish. Graduation is .001" or 0.01mm. With ratchet stop, no lock nut in case.

Range	Base Length	No. of Rods	Rod Size	Catalog No.	EDP No.	Price
<b>INCH</b>						
0 - 3"	2-1/2"	3	.045 X 1/8"	449AZ-3R	52318	
0 - 6"	2-1/2"	6		449AZ-6R	52320	
0 - 3"	4"	3		449BZ-3R	52322	
0 - 6"	4"	6		449BZ-6R	52324	
<b>METRIC</b>						
0-75mm	63.5mm	3	1.2 x 3.2 mm	449MAZ-75R	56636	
0-150mm	63.5mm	6		449MAZ-150R	56637	
0-75mm	100mm	3		449MBZ-75R	56638	
0-750mm	100mm	6		449MBZ-150R	56639	

## MICROMETER DEPTH GAGES

STARRETT SERIES 440, 445:



The depths of holes, slots, shoulders, and projections can be measured to .001" or 0.01mm with these fine tools.

The No. 440 gages are furnished with a 2-1/2" (63mm) base and 1/8" (3.2mm) diameter measuring rods.

The No. 445 gages are furnished with choices of 3"(75mm), 4" (100mm), and 6" (150mm) bases and have 5/32" (4mm) diameter measuring rods.

- A base shape design that will automatically position the fingers so that the base is easily held in place for measuring stability.
- All precision screws are ground and lapped.
- All bases and rods are hardened ground, and lapped for permanent accuracy.
- All reading surfaces have a satin chrome finish that resists rust and provides a non-glare background for the sharp lines and figures.
- All measuring rods are adjustable.
- The combination ratchet and speeder for uniform pressure and quicker adjustment.
- Ring-type lock nut for quick and sure locking.

### INCH - Graduation .001"

Range	Base	No. Rods	Description	Catalog No.	EDP No.	Price
0-3"	2 1/2"	3	With lock nut, in case	440Z-3L	52113	
0-6"	2 1/2"	6		440Z-6L	52117	
0-9"	2 1/2"	9		440Z-9L	52121	
0-3"	2 1/2"	3	With ratchet stop, lock nut in case	440Z-3RL	52115	
0-6"	2 1/2"	6		440Z-6RL	52119	
0-9"	2 1/2"	9		440Z-9RL	52123	
0-3"	3"	3		445AZ-3RL	52208	
0-6"	3"	6		445AZ-6RL	52212	
0-9"	3"	9		445AZ-9RL	52216	
0-3"	4"	3	With ratchet stop, lock nut, in case	445BZ-3RL	52220	
0-6"	4"	6		445BZ-6RL	52224	
0-9"	4"	9		445BZ-9RL	52228	
0-3"	6"	3		445DZ-3RL	52244	
0-6"	6"	6		445DZ-6RL	52248	
0-9"	6"	9		445DZ-9RL	52252	

### METRIC - Graduation 0.01mm

Range	Base	No. Rods	Description	Catalog No.	EDP No.	Price
0-75mm	63.5mm	3	With ratchet stop, lock nut, in case	440MZ-75RL	52116	
0-150mm	63.5mm	6		440MZ-150RL	52120	
0-225mm	63.5mm	9		440MZ-225RL	52124	
0-75mm	75mm	3	With ratchet stop, lock nut, in case	445MAZ-75RL	52209	
0-150mm	75mm	6		445MAZ-150RL	52213	
0-225mm	75mm	9		445MAZ-225RL	52217	
0-75mm	100mm	3	With ratchet stop, lock nut, in case	445MBZ-75RL	52221	
0-150mm	100mm	6		445MBZ-150RL	52225	
0-225mm	100mm	9		445MBZ-225RL	52229	
0-75mm	150mm	3	nut, in case	445MDZ-75RL	52245	
0-150mm	150mm	6		445MDZ-150RL	52249	
0-225mm	150mm	9		445MDZ-225RL	52253	

## DIGIT DEPTH MICROMETERS

MIT SERIES 229:



### INTERCHANGEABLE ROD TYPE

The Digital Counter of this depth micrometer provides clear, accurate readings in thousandths.

Conventional models with reversed thimble and sleeve were rather awkward and took extra attention and a long time to read.



With MITUTOYO's Digit Depth Micrometers, the reading is shown in decimals to thousandths of an inch.

- Conventional Sleeve / Thimble is still provided to double check the digital counter.
- Interchangeable rod diameter .157".
- Clear crisp graduations on the thimble. No-glare satin-chrome finish.
- Complete with fitted carrying case.

### Graduation .001"

Range	Order No.	Price	Base Length	No. of Rods
0-4	229127		2-1/2	4
0-6	229128		2-1/2	6
0-4	229131		4	4
0-6	229132		4	6

## MICROMETER DEPTH GAGES

### WITH HALF BASE

STARRETT SERIES 443:



Half base of 2" (50mm) permits measuring depths of holes, and slots close to shoulders and between obstructions. Quick reading graduations, every thousandth numbered. No-glare satin chrome finish. Graduation in .001". 5/32" rod diameter. Rods have individual length adjustment.

Range	No. Rods	Description	Catalog No.	EDP No.	Price
0 - 3"	3	With ratchet stop, lock nut, in case	443Z-3RL	52171	
0 - 6	6	With ratchet stop, lock nut, in case	443Z-6RL	52173	
0 - 9	9	With ratchet stop, lock nut, in case	443Z-9RL	52175	

## DIGITAL ELECTRONIC DEPTH MICROMETER

SERIES 725:



- 5 key Deluxe Model micrometer head
- Spherical rod end
- High accuracy interchangeable rods
- Friction thimble
- .00005"/.001mm
- 4" Base



Range	No. of Rods	Order No.	Price
0-6"/0-150mm	6	7258001	

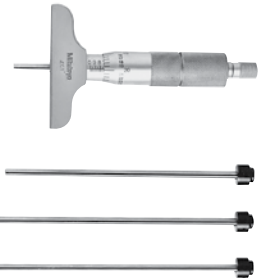
## DEPTH MICROMETERS

MIT SERIES 129:



### INTERCHANGEABLE ROD TYPE

The extra rigid MITUTOYO Depth Micrometer is one of the basic measuring tools selected by machinists. The width of the base, .63", by far the widest available in the market, provides extra stability in depth gaging. The entire bottom surface is micro-lapped to achieve a higher degree of accuracy. Completely satin-chrome finished.



- Ratchet stop for consistent and repetitive measurements.
- .157" DIA. interchangeable rods, with lapped measuring end, are calibrated and tested at the factory. The rod length can be adjusted, to compensate wear on the measuring tip, with two supplied wrenches.
- Crisp clear graduations on the thimble.
- Graduation .001" or 0.01mm.
- Complete with fitted carrying case.

Range	Order No.	Base Length	No. of Rods	Price
<b>INCH</b>				
0-4"	129127	2-1/2	4	
0-6"	129128	2-1/2	6	
0-12"	129149	2-1/2	12	
0-4"	129131	4	4	
0-6"	129132	4	6	
0-12"	129150	4	12	
<b>METRIC</b>				
0-50mm	129109	63.5mm	2	
0-100mm	129111	63.5mm	4	
0-150mm	129112	63.5mm	6	
0-100mm	129115	101.6mm	4	
0-150mm	129116	101.6mm	6	

## DIGITAL MICROMETER DEPTH GAGES

STARRETT SERIES 446:



.001" or 0.01mm are read directly from the counter – without reference to direction of numbers on a graduated sleeve. Measuring speed is increased since dimensions are read without having to remove fingers from thimble or tool from work. The digital readout displays white numbers on a black background.



- 3" (75mm) base
- Measuring Rods are 5/32" (4mm) rod diameter and are adjustable.
- A base shape design that will automatically position the fingers so that the base is easily held in place for measuring stability.
- All precision screws are ground and lapped.
- All bases and rods are hardened ground, and lapped for permanent accuracy.
- All reading surfaces have a satin chrome finish that resists rust and provides a non-glare background for the sharp lines and figures.
- All measuring rods are adjustable.
- The combination ratchet and speeder for uniform pressure and quicker adjustment.
- Ring-type lock nut for quick and sure locking.

No. Range	Rods	Description	Catalog No.	EDP No.	Price
0 - 3"	3		446AZ-3RL	56288	
0 - 6"	6	With ratchet stop, lock nut, in case.	446AZ-6RL	56289	
0-75mm	3		446MAZ-75RL	56294	
0-150mm	6		446MAZ-150RL	56295	



## ELECTRONIC DIGITAL MICROMETER DEPTH GAGES (WITH OUTPUT)

STARRETT SERIES 749:

The Starrett No. 749 Electronic Depth Micrometer has a wide 0-6" (0-150 mm) range for measuring the depth of most holes, slots, shoulders, and projections. The 4" (100 mm) base is hardened, ground, and lapped for long-lasting precision.



### READABILITY FEATURES

- Large, right-sized, high-contrast LCD digital readout is easy to read and reduces errors
- Resolution - .0001" (0.001 mm)
- Conventional inch or millimeter graduations standard
- Attractive no-glare black wrinkle finish on the frame
- Starrett no-glare satin chrome finish on thimble and sleeve

### EASE-OF-HANDLING FEATURES

- Ring-type knurled lock nut for quick and sure locking
- Combination ratchet and speeder for uniform pressure and quicker adjustment

### ACCURACY AND LONG-LIFE FEATURES

- Ground and lapped one-piece spindle (the heart of Starrett's accuracy)
- Base length 4" (100 mm); rod diameter 5/32" (4 mm); all measuring rods are adjustable
- Starrett designed electronic microprocessor
- One battery for dependable power and over one year's normal usage
- Automatic OFF after 30 minutes of nonuse
- Starrett workmanship

### FULL-FUNCTION ACTION FEATURES

- Easiest keyboard control by use of the new SHIFT button
- Instant inch/millimeter conversion
- "ME" millimeter model will turn on in the millimeter mode after installation of a new battery
- Measurement HOLD button
- Ability to zero tool at any position
- Ability to retain and return to the true zero reading of the micrometer
- PRESET button to install any reading at any position
- Ability to install minimum and maximum limits
- Output data to Starrett SPC Plus® hardware and software and to IBM compatible PCs

Furnished in a protective case.

Description	Catalog No.	EDP No.	Price
0-6" / 0-150mm Range with Standard Inch Graduations on Shell and Thimble	749BZ-6RL	65063	
0-150mm/0-6" Range with Standard Millimeter Graduations on Shell and Thimble	749MEBZ-150/6	66124	
<b>Cable Information</b>			
Adapter from No. PT22938 Cable to IBM-PC (RS232C)	PT61768	66454	
Shielded Cable to Nos. 761/772 Series Modules, No. 768 Remote Display and No. PT61768	PT22938	64059	
One 3-Volt Battery No. CR2450	PT61120	65446	
Computer Interface Cable complete to IBM-PC (RS232C)	PT61963	66636	

PRECISION TOOLS

## DIGIMATIC DEPTH MICROMETERS

MIT SERIES 329:

### FEATURES

- Preset capability. Set any desired measurement on the display and recall that measurement.
- Instant in/mm conversion
- Measurement hold key
- Zero-Set key allows for setting zero measurement at any point along spindle. Each unit comes complete with battery (offers 6 months of life under normal use), key spanner, other adjusting wrenches, fitted carrying case, manual.
- SPC output provided.
- Data Send button for transmitting readings to SPC systems.
- Measuring force: 6-10N
- Locking clamp.
- Runs off single SR44 battery.
- Automatic power-off after 20 min. idle time.



### INCH/METRIC

Order No.	Range	LCD Resolution	Remarks	Price
329-350	0-6" 0-152.4mm	.00005" 0.001mm	With SPC output With Interchangeable Rods: 6 pcs	
329-351	0-12" 0-304.8mm	.0001 .001mm	With SPC output With interchangeable Rods:12 pcs	

### METRIC

Order No.	Range	LCD Resolution	Remarks	Price
329-250	0-150mm	0.001mm	With SPC output With Interchangeable Rods: 6 pcs	

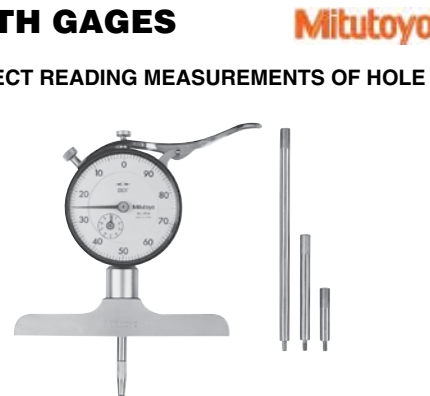
For SPC output order Connecting Cable 937387 (1m) or 965013 (2m). Replacement Battery: 541980 (1pc), 541980-10 (10pcs/SET).

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## DIAL DEPTH GAGES

MIT SERIES 7:

FOR RAPID, DIRECT READING MEASUREMENTS OF HOLE DEPTH.



- The Dial Indicator has a precision-ground, hard-chrome-plated stem with a standard AGD 3/8" diameter. Contact point is hardened, ground and chrome-plated steel. Spindle rack, pinions and pivots are hardened stainless steel to insure long wear and continuing accuracy. Bezel is cleanly knurled and smoothly adjustable with a clamping screw for positive settings. Accuracy of the Dial Indicator exceeds Federal Specifications.
- Rods may be connected for depths up to 8".
- Spindle lifting lever for raising and lowering spindle is maintained under spring pressure.
- Bottom surface of the base is hardened, ground and lapped for the highest degree of flatness.
- Complete with fitted carrying case.
- The Dial Indicator is attached to the base by a clamping screw and readily interchangeable with any other standard AGD dial indicator.

### Graduation .001" or 0.01mm

Range	Order No.	Price	Dial Range	Base Length	Note
0-8"	7217		0-1"	2-1/2"	with 1,2,4" rods
0-8"	7218		0-1"	4"	with 1,2,4" rods
0-200mm	9997212		0-10mm	101.6mm	with 10,20,30, 40mm rods



## DIAL DEPTH GAGES

STARRETT SERIES 640, 643, 644:



640JZ      643JZ      644JZ

- Hardened and ground flat base positions on the surface of the work and the gage head is pushed down.
- Dial Indicator is a Starrett No. 25-441.
- Readings are obtained quickly and conveniently from these direct reading tools that are referenced from their hardened and ground bases.
- Bases are 2 1/2" (64mm) long.
- Fitted Case

### No. 640J features:

- The top button is depressed to contact the work and obtain the measurement directly.
- Starrett No. 25-431 AGD dial indicator.

### No. 643J features:

- Knife-edge base and a needle point contact that has been hardened and ground.
- The base has a cutout so that the conical point can be precisely positioned for close work.
- Point is 1/2" 12.7mm long with a 40° included angle.
- Starrett No. 25-131 AGD dial indicator.

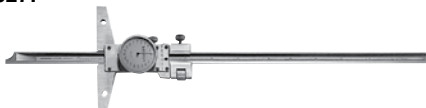
### No. 644J Features:

- These gages are for longer ranges, and are accurate and simple to use.
- The gages are furnished with three rounded-end contact points to cover the range.
- Gage features a Starrett No. 25-441 Dial Indicator

Range	Grad.	Dial Reading	With Case		Price
			Catalog No.	EDP No.	
0 - 1/2"	.0005	0-50	640JZ	52705	
0 - .125"	.0005"	0-25-0	643JZ	52714	
0 - 10mm	.01mm	0-100	640MJZ	55997	
0 - 3"	.001"	0-100	644JZ	52718	
0 - 75mm	.01mm	0-100	644MJZ	56027	

## DIAL DEPTH GAGES

MIT SERIES 527:



Easier and faster reading Depth Gage with dial reading in .001" or 0.05mm.

- Made of hardened stainless steel.
- Base and measuring surfaces are hardened and micro-lapped.
- 4" standard base size
- Wider extension bases are available as optional item.
- With fine-adjustment feature.
- Complete with fitted carrying case.
- Graduation .001" or .05mm

Inch			Metric		
Range	Order No.	Price	Range	Order No.	Price
0-6"	527311		0-150mm	527301	
0-12"	527313		0-200mm	527302	
			0-300mm	527303	

Starrett



## VERNIER DEPTH GAGES

STARRETT SERIES 448:



Starrett



Designed for measuring depth of holes, slots and recesses, heads are hardened, ground and lapped and the blades are hardened and ground. Blades have sharp, clean-cut, highly accurate machine divided graduations on one side only. Gages in English measure are quick reading. Maximum accuracy and easy adjustment are insured by tight, smoothly fitted vernier slides. Vernier plates are adjustable. Graduation .001" and 0.02mm. Furnished in case.

### Inch Reading / Graduation .001"

Range	Base Length x Width	Blade Size	Catalog No.	EDP No.	Price
0 - 6"	2-3/4 x 1/4	6"	448Z-6	52306	
0 - 12	2-3/4 x 1/4	12	448Z-12	52308	
0 - 12	2-3/4 x 1/4	6 & 12	448Z-612	52310	

### Inch and Millimeter Reading/ Graduation -.001" and 0.002 mm- Both Edges

Range	Base Length x Width	Blade Size	Catalog No.	EDP No.	Price
0-6"/150mm	70 x 6.35mm	150mm/6"	448Z-6ME	52312	
0-12"/300mm	70 x 6.35mm	300mm/12"	448Z-12ME	52314	
0-12"/300mm	70 x 6.35mm	6"/150mm & 12"/300mm	448Z-612ME	52316	

## VERNIER DEPTH GAGES

MIT SERIES 527:



Mitutoyo

- Designed for measuring depth of holes, slots and recesses.
- Highly accurate with fine adjustment, for use in toolrooms and inspection departments on jig, fixture or die work.
- Maximum accuracy and easy adjustments are insured by tight, smoothly fitted vernier scales.
- Clear .001" or 0.02mm graduations on satin-chrome finish.
- Hardened stainless steel.
- All bases are hardened and micro-lapped.
- 4" standard base size. Wider extension bases (widths - 7", 10" and 12")\* are available at additional cost.
- Complete with fitted carrying case.

### \*OPTIONAL EXTENSION BASES

Order No.	Price	Base Sizes
900367		7"
900368		10"
900369		12"

NOTE : These bases will fit all styles of MITUTOYO Depth Gages.

Inch			Metric		
Range	Order No.	Price	Range	Order No.	Price
0-6"	527111		0-150mm	527101	
0-8"	527112		0-200mm	527102	
0-12"	527113		0-300mm	527103	



While we show the most popular **Starrett** and **Mitutoyo** items, we can supply their entire range of products. See our website or inquire.

## DIAL DEPTH GAGES

STARRETT SERIES 450,450M:



Dial depth gages are easy to read. All readings are taken directly from the bar and the dial indicator. Designed for measuring depths of holes, slots and recesses. Easily removable hook permits measuring internal and external slots. Base extensions can be used to increase the base span to 7"(175mm) or 12"(300mm) on both models. Made of hardened stainless steel. Has positive split gear anti-backlash control. Graduation .001" or .02mm. .100" or 2mm in one revolution.



## DIGIMATIC DEPTH GAGES WITH ABSOLUTE ENCODER

(with SPC Output)

MIT SERIES 571:



- No rack, no pinion, no glass scale. Linear Scale is safely embedded in the hardened stainless steel blade.
- Sliding LCD unit offers push button control for in/mm selection, absolute zero setting and turning the display on and off. Battery life is approximately two years with normal use.
- LCD unit displays "E-o5" for movement error and "B" for battery replacement. Note: sliding unit can be moved as fast as 40" per second.
- Power supply: Silver oxide cell (SR-44 1 pc.) 541980

INCH / METRIC Resolution .0005"/0.01mm

Order No.	Range	Accuracy	Remarks	Price
571-211	0-6"/0-150mm	±.001"	With SPC output Absolute Function Type	
571-212	0-8"/0-200mm	±.001"	With SPC output Absolute Function Type	
571-213	0-12"/0-300mm	±.0015"	With SPC output Absolute Function Type	
571-214	0-18"/0-450mm	±.002"	With SPC output	

SPC Output order Connecting Cable 905338(1m) or 905409 (2m) for 571-214.  
SPC Output order Connecting Cable 959149 (1m) or 959150 (2m) for Absolute Function Type.

Size	Description	Catalog No.	EDP No.	Price
0-6"	Depth Gage without case	450-6	56766	
0-12"	Depth Gage without case	450-12	56768	
0-300mm without case	300mm Gage	450M-300	64276	

Description	Catalog No.	EDP No.	Price
7"/175mm base extension	PT22287	65861	
12"/300mm base extension	PT22288	65862	
6"(150mm) case only	450ZZ-6	56776	
12"(350mm) case only	450ZZ-12	56777	

## ELECTRONIC DIGITAL DEPTH GAGE

STARRETT SERIES 3753:



### ACCURACY/DESIGN FEATURES:

- Linear accuracy is ±.001" (±0.03mm)
- Resolution .0005" (0.01mm)
- Exclusive Starrett designed microprocessor chip
- Hardened stainless steel body and slide for long life
- Fine adjustment thumb roll for precision measurements
- Lock to hold the slide in position
- Hardened base is 2-3/4" (70mm) long
- Hook attachment makes possible readings from the edge of a workpiece to edges of slots, grooves, shoulder, and other I.D. length dimensioning



3753 Depth gages are light and easy to use for depth measurements in its range and feature an easy to read display with large, clear figures.

### ELECTRONIC FEATURES:

- Inch/millimeter conversion
- Zero at any position
- Hold readout at any position
- Manual ON/OFF, plus a built-in automatic OFF after 15 minutes of non-use
- One-year minimum battery life
- Shift button to easily use more functions
- Out-of-limits readings with flashing display

Description	Catalog No.	EDP No.	Price
<b>3753 Electronic Depth Gages in Case</b>			
0-6"/150mm Range	3753A-6/150	12258	
0-8"/200mm Range	3753A-8/200	12259	
0-12"/300mm Range	3753A-12/300	912260	
<b>Accessories and Cable Information for Electronic Depth Gages</b>			
180mm Base Extension	3648-180	912261	
260mm Base Extension	3648-260	9912262	
320mm Base Extension	3648-320	912263	
Two 3-Volt Batteries. CR2032	PT99492	65650	