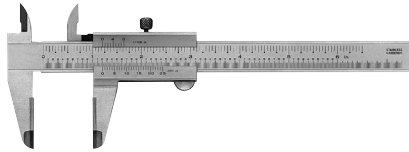


## PRECISION VERNIER CALIPERS WITH LOCKING SCREW

SERIES 214:

**MEGA**  
Superior Import



### SPECIAL FEATURES:

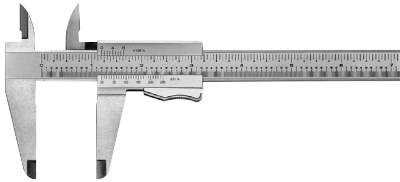
All measurements can be read directly from vernier scale. Micro-fine black graduation on a satin chrome finish for easy reading. Jaws designed for outside, inside, and step measurement. Satin chrome finish with clear black engravings. Made of fully hardened stainless steel throughout. Includes fitted case.

Range	Vernier Scale		Order No.	Price
	Top	Bottom		
150mm/6"	1/1000"	.02 mm	1480106	
200mm/8"	1/1000"	.02 mm	1480108	
300mm/12"	1/1000"	.02 mm	1480112	

## PRECISION VERNIER CALIPER WITH THUMB LOCK

SERIES 214:

**MEGA**  
Superior Import



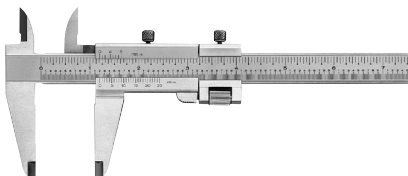
All the features of the Locking Screw calipers. The jaw can be moved only when spring loaded thumb clamp is depressed.

Range	Vernier Scale		Order No.	Price
	Top	Bottom		
150mm/6"	1/1000"	1/20mm	1485106	

## PRECISION VERNIER CALIPERS WITH FINE ADJUSTMENT

SERIES 214:

**MEGA**  
Superior Import



All the features of the Locking Screw Calipers with additional fine adjustment feature.

For precise measurement.

Range	Vernier Scale		Order No.	Price
	Top	Bottom		
150mm/6"	1/1000"	.02mm	2140006	
200mm/8"	1/1000"	.02mm	2140008	
300mm/12"	1/1000"	.02mm	2140012	

## PRECISION VERNIER CALIPERS Mitutoyo

MIT SERIES 530, 531, 532:

THE FINEST OF VERNIER CALIPERS FOR ACCURATE WORK, WITH MITUTOYO'S EXCLUSIVE "QUADRI" 4-WAY MEASURING FEATURE.



**Series 530**  
Plain and basic vernier caliper with locking screw atop the moving slider.



**Series 532**  
With fine-adjustment for precise measurement.



**Series 531**  
With thumb clamp. The jaw can be moved only when spring loaded thumb clamp is depressed.



**No. 530-314**  
Outside jaws of No. 530-314 are carbide faced for measurements of abrasive products.

The **MITUTOYO** line of precision vernier instruments offer a wide range of precise tools for measuring accurately in inches and millimeters. All **MITUTOYO** Instruments are precisely made of the best quality hardened stainless steel throughout, to insure long life and continuous precision.

- Graduation photo engraved from a glass master plate for maximum accuracy.
- Made of fully hardened stainless steel throughout.
- Satin-chrome finish.
- Raised sliding surfaces prevent defacement and wear of the graduations; clear black engravings.
- All measuring surfaces are ground and lapped for extreme accuracy.
- Jaws designed for outside, inside and step measurements.
- All calipers are supplied in a fitted case.

Series	Order No.	Lower Price	Range		Vernier Reading	
			Upper Scale	Lower Scale	Upper Scale	Scale
530	530101		150mm	—	0.05mm	—
	530105		6"	6"	.001"	1/128"
	530116		8"	8"	.001"	1/128"
	530118		200mm	8"	0.02mm	.001"
	530312		150mm	6"	0.02mm	.001"
531	530314*		6"	6"	.001"	1/128"
	531107		150mm	6"	0.05mm	1/128"
	531108		200mm	8"	0.05mm	1/128"
	531113		6"	6"	.001"	1/128"
	531114		8"	8"	.001"	1/128"
532	531128		150mm	6"	0.02mm	.001"
	531129		200mm	8"	0.02mm	.001"
	532104		5"	5"	.001"	1/128"
	532105		7"	7"	.001"	1/128"
	532106		11"	11"	.001"	1/128"
	532119		130mm	5"	0.02mm	.001"
	532120		180mm	7"	0.02mm	.001"
	532121		280mm	11"	0.02mm	.001"

\* With OD Carbide Jaw

## MICROMETER & CALIPER HOLSTERS

SERIES 215:



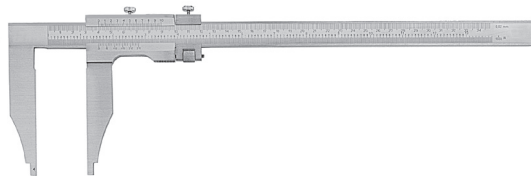
- High quality leather
  - For machinists on the go
- Micrometers and caliper not included.**



Micrometer & Caliper Holder	
Order No. 6000039	
Price	
Micrometer Holster	
Order No. 6000038	
Price	

## HEAVY DUTY CHROME FINISHED VERNIER CALIPERS

SERIES 211:



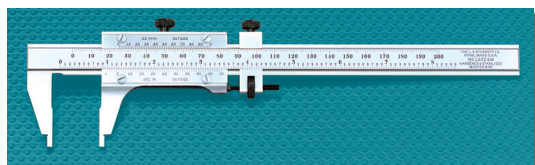
### SPECIAL FEATURES :

- Machine divided and engraved from master for extreme accuracy.
- Made of hardened stainless steel throughout, ground and lapped for accuracy.
- Stepped jaws for inside measurements.
- "Double Spaced" vernier scales with easy to read, clear graduations on satin chrome finish.
- Longer jaws permit greater accessibility and simpler measurement of larger work-pieces.
- Fine adjustment screw.
- Fitted case.

Measuring Range	Jaw Depth	Vernier Scale		Order No.	Price
		Top	Bottom		
12"/300mm	4"	1/50mm	1/1000"	5301012	
18"/450mm	4	1/50mm	1/1000"	5301018	
24"/600mm	4	1/50mm	1/1000"	5301024	
40"/1000mm	6-1/2	1/50mm	1/1000"	5301040	
60"/1500mm	8	1/50mm	1/1000"	5301060	
80"/2000mm	8	1/50mm	1/1000"	5301080	
120"/3000mm	8	1/50mm	1/1000"	5300118	

## MASTER VERNIER CALIPERS STARRETT SERIES 123:

Starrett



50-division vernier scales with widely spaced graduations simplify settings and readings without the use of a magnifying glass. Flush fitting vernier scales eliminate reading errors caused by parallax. The long length of the adjusting jaw provides a longer bearing surface on the hardened and stabilized master bar, thereby insuring squareness with the solid jaw and extra resistance to springing. Satin chrome finish reduces glare for easier reading. Includes Finished Wood Case.

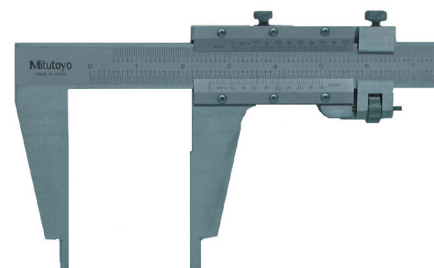
Range	Grad.	Approx Jaw Depth	Catalog No.	EDP No.	Price
0 - 12"	.001"	2-5/16"	123Z-12	50526	
0 - 24	.001	2-5/16"	123Z-24	50528	
0 - 36	.001	3"	123Z-36	50530	
0 - 48	.001	3"	123Z-48	50532	
0 - 60	.001	3"	L123Z-60	63189	
0 - 72	.001	3"	L123Z-72	63190	
0-150mm	0.02mm	34mm	123M-150	56099	
0-300mm	0.02mm	58mm	123MZ-300	56102	
0-600mm	0.02mm	58mm	123MZ-600	56104	

## VERNIER CALIPERS -

Mitutoyo

### HEAVY DUTY

MIT SERIES 160:



When the two outside jaws are closed, the nib width is smaller than the dimension listed.

To measure the smallest measurable inside dimensions, the jaws must be opened, leaving a space between the jaws.

All **MITUTOYO** Vernier Calipers meet or exceed Federal Specifications for accuracy.

- Machine divided and engraved from master for extreme accuracy.
- Made of hardened stainless steel throughout, ground and lapped for accuracy.
- Scale surface is satin-chrome finished.
- Raised sliding surface prevents defacement and wear of graduations.
- Long 50-division vernier scales have wide spaced easy-to-read, clear, crisp graduations on satin-chrome finish.
- Easy wear adjustment of vernier scales.
- Optional fitted carrying cases available :  
413042 for 18" / 450mm size  
413043 for 24" / 600 mm size

### INCH Graduation .001"

Range	Order No.	Price	Depth of Jaw	Max. Nib Width
12"	160124		3"	.3937"
18	160116		4	.5826"
24	160102		4	.5826"
40	160105		5-1/2	.6693"
60	160111		7	.7480"
80	160114		7	.9055"

### INCH / METRIC Graduation .001" x 0.02mm

Range	Order No.	Price	Depth of Jaw	Max. Nib Width
12" x 300mm	160125		3"	.3937"
18 x 450mm	160118		4	.5826"
24 x 600mm	160103		4	.5826"
40 x 1000mm	160106		5-1/2	.6693"
60 x 1500mm	160112		7	.7480"
80 x 2000mm	160115		7	1"

### METRIC Graduation 0.02mm

Range	Order No.	Price	Depth of Jaw	Max. Nib Width
300mm	160127		75mm	10mm
450mm	160128		100mm	15mm
600mm	160101		100mm	15mm
1000mm	160104		140mm	17mm
1500mm	160110		180mm	19mm
2000mm	160113		180mm	23mm



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

## VERNIER CALIPERS - LONG JAWS, HEAVY DUTY

MIT SERIES 534:

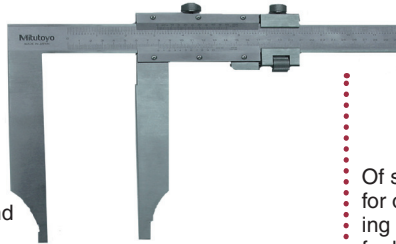
Mitutoyo

## DIAL CALIPERS

SERIES 215:

**MEGA**  
Superior Import

- Made of full hardened stainless steel.
- Scale surface is satin-chrome finished.
- Raised sliding surface prevents defacement and wear of clear, black engraved graduations.
- All measuring faces are ground and lapped for ultimate accuracy.
- Extra long jaws permit greater accessibility and simpler measurement of large work-pieces.
- Adjustable vernier plates.
- Complete with fitted carrying case.



Of stainless steel, hardened throughout with satin-chrome finish. Suitable for outside, inside, depth and step measurement. Thumb roll. Direct reading in .001" or .02mm with adjustable dial setting and locknut. Covered rack for longer life. Fitted case. .100" or 2mm per revolution.

### INCH Graduation .001"

Range	Order No.	Price	Depth of Jaw	Max. Nib Width
12"	534117		3.5"	.3"
20"	534118		7.8"	.8"
30"	534119		7.8"	.8"
40"	534120		7.8"	.8"

### INCH / METRIC Graduation .001" x 0.02mm

Range	Order No.	Price	Depth of Jaw	Max. Nib Width
12" x 300mm	534105		90mm	10mm
20" x 500mm	534106		200mm	20mm
30" x 750mm	534107		200mm	20mm
40" x 1000mm	534108		200mm	20mm

### INCH

Range	White Face		Black Face	
	Order No.	Price	Order No.	Price
0 - 4"	1495004		-	
0 - 6"	1495106		1495206	
0 - 8"	1495108		1495208	
0 - 12"	1495112		1495212	
0 - 18"	1495118		-	
0 - 24"	1495124		-	

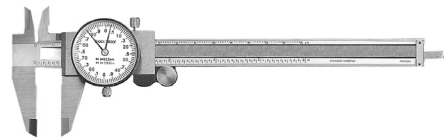
### METRIC

Range	Order No.		Price
	White Face	Black face	
0-150mm	1495306	2155150	
0-200mm	2150200	-	
0-300mm	2150300	-	

## INCH AND METRIC COMBINATION DIAL CALIPER

SERIES 215:

**MEGA**  
Superior Import



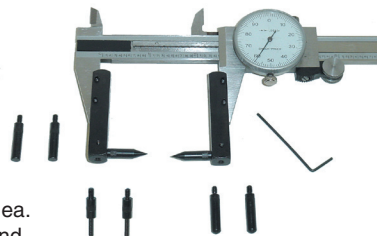
Range	Graduation	Order No.	Price
0 - 6"/0-150mm	.001"/.02mm	2156150	

## UNIVERSAL CALIPER ACCESSORY KIT

**MEGA**  
Superior Import

### SERIES 215:

- Fits Dial Calipers & Verniers 4-6-8 In. Range
- Measures, slots, grooves, webs, shoulders, holes, pockets, etc.
- Saves Time and Money
- Will not scar or mar Jaws
- Adapts to all brands
- Measures hard to reach places



### KIT CONTAINS :

- 2 Universal Jaw Clamp On
- 8 Accessory Points (4pair) 2 ea.
- Flat - Conical - Stem - Ball End
- User friendly Instructions
- All parts packaged in a high impact clear box

Order No. 1495000	Price	
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(Caliper not included)

## CENTERLINE GAGE SETS

SERIES 215:

- Designed for dial, vernier, and digital calipers to measure centerline distance.
- Sold in pairs, these gages quickly adapt to most calipers.
- Centerline measurements read in exact figures; no adding or subtracting is required.
- The 60 degree conical probe fits snugly into holes. Takes guesswork away from center distance measurements or to edge from a hole.



- Constructed of high quality alloy steel hardened to 50 RC, black oxide finished.
- Outside diameter and cone ground for accuracy.
- Each probe has two small holding nuts and is supplied with a hex wrench.

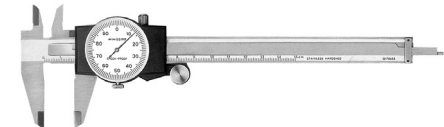
**MEGA**  
Superior Import

Description	Diameter	Length	Jaw Thick.	Order No.	Price
For 4", 6", 8" calipers	.375"	2.195"	.155"	1495001	
For 10", 12" calipers	.500"	2.750"	.188"	1495004	

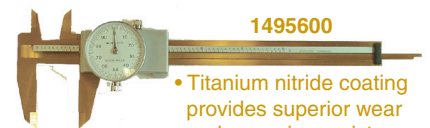
## SHOCK / DUST PROOF & TIN COATED DIAL CALIPERS

SERIES 215:

**MEGA**  
Superior Import



- Manufactured to close tolerances for excellent repeatability and accuracy
- Smooth movement
- Swiss design casing



1495600

- Titanium nitride coating provides superior wear and corrosion resistance
- Swiss design metal casing

.001" Per Revolution / Stainless Steel

Range	Graduation	Order No.	Price
0 - 6"	.001"	2155006	
0 - 8"	.001"	2155008	
0 - 12"	.001"	2155012	
0 - 6" TIN	.001"	1495600	



## DIAL CALIPERS

STARRETT SERIES: 120:

Starrett



- Hardened stainless steel bar, measuring surfaces, rack and gears.
- Sharp black bar graduations on a no-glare satin finish.
- Positive split-gear anti-backlash control.
- Rack teeth point down to shed foreign matter more easily.
- Knife-edge contacts for inside and outside measurements.
- Thumb-operated fine adjust roll.
- Sharp clear dial graduations of .001" or 0.02mm - .100" or 2mm in one revolution

### Graduation .001"

Range	Dial Color	Catalog No.	EDP No.	Price
0-6"	White	120A-6	64514	
0-6"	White	120X-6	65909*	
0-6"	Black	B120A-6	64515	
0-6"	Red	R120A-6	64516	
0-9"	White	120AZ-9	64520	
0-9"	White	120A-9	64517**	
0-12"	White	120Z-12	56693	
0-12"	White	120-12	56694**	

### Graduation 0.02mm

0-150mm	Yellow	120AM-150	66295	
0-150mm	Yellow	120MX-150	65910*	
0-225mm	Yellow	120MZ-225	64508	
0-225mm	Yellow	120M-225	64509**	
0-300mm	Yellow	120MZ-300	64510	
0-300mm	Yellow	120M-300	64511**	

### Accessories and Cases Only

Center Distance Attachment	PT26151	64440	
Depth Attachment for 6", 9", and 150mm	PT22431	64640	
Detachable Depth rod for 12" Dial Calipers	PT26091	65100	
Deluxe padded case for 6" or 150 mm dial calipers.	120ZZ-6	55971	
Finished wood case 9" Dial Calipers	120ZZ-9	63878	
Finished wood case 12" Dial Calipers	120ZZ-12	56695	
Leather Holster for 6" or 150mm Dial Calipers	915	64166	

\*Carbide Faces

\*\* Without Case



While we show the most popular **Starrett** items, we can supply their entire range of products; please inquire.

## DIAL CALIPERS

MIT SERIES 505:

Mitutoyo

**A**

.200" Per One Revolution

**C**

1mm Per One Revolution

**B**

.100" Per One Revolution

**D**

2mm Per One Revolution

Calipers have "white face" unless otherwise specified.

Order No.	Range	Range per/Rev.	Dial Face	Remarks	Depth of Jaw	Price
<b>Inch Graduation .001"</b>						
505-716	0-4"	.20"	A		1.57"	
505-717	0-6"	.20"	A		1.57"	
505-675	0-6"	.10"	B		1.57"	
<b>Do not include the "5" in the Order No.'s below when ordering.</b>						
505-675-51	0-6"	.10"	B	Blue face	1.57"	
505-675-52	0-6"	.10"	B	Purple face	1.57"	
505-675-53	0-6"	.10"	B	Green face	1.57"	
505-675-54	0-6"	.10"	B	Red face	1.57"	
505-675-55	0-6"	.10"	B	Orange face	1.57"	
505-675-56	0-6"	.10"	B	Black face	1.57"	
505-675-66	0-6"	.10"	B	Black face w/ Ratchet stop	1.57"	
505-718	0-6"	.20"	A	OD Carbide Jaw	1.57"	
505-708	0-6"	.10"	B	OD Carbide Jaw	1.57"	
505-712	0-6"	.10"	B	OD, ID Carbide Jaw	1.57"	
505-689	0-6"	.10"	B	Extra smooth movement	1.57"	
505-690	0-8"	.10"	B	Extra smooth movement	1.97"	
505-719	0-8"	.20"	A		1.97"	
505-676	0-8"	.10"	B		1.97"	
505-709	0-8"	.10"	B	OD Carbide Jaw	1.97"	
505-713	0-8"	.10"	B	OD, ID Carbide Jaw	1.97"	
505-720	0-12"	.20"	A		2.52"	
505-721	0-12"	.20"	A	OD Carbide Jaw	2.52"	
505-677	0-12"	.10"	B		2.52"	
505-710	0-12"	.10"	B	OD Carbide Jaw	2.52"	
505-714	0-12"	.10"	B	OD, ID Carbide Jaw	2.52"	

### Metric Graduation - .01mm

505-680	0-100mm	1.0mm	C		40	
505-681	0-150mm	1.0mm	C		40	
505-682	0-150mm	1.0mm	C		50	

### Metric Graduation - .02mm

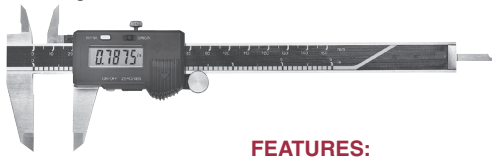
505-671	0-150mm	2.0mm	D		40	
505-707	0-150mm	2.0mm	D	OD Carbide Jaw	40	
505-711	0-150mm	2.0mm	D	OD, ID Carbide Jaw	40	
505-683	0-150mm	2.0mm	D	Extra smooth movement	40	
505-672	0-200mm	2.0mm	D		50	
505-684	0-200mm	2.0mm	D	Extra smooth movement	50	
505-673	0-300mm	2.0mm	D		64	

## ELECTRONIC CALIPERS

SERIES 725:



Rugged construction of stainless steel with no rack, no pinion, and no glass scale.



Description	Order No.	Price
4" Caliper	7251004	
6" Caliper	7251006	
8" Caliper	7251008	
12" Caliper	7251012	
20" Caliper	7255500	

### FEATURES:

- 5 Digit high contrast display
- Inch / Metric switch
- Floating "Zero" reference point
- Resolution  $\pm .0005"$  / 0.01mm
- Accuracy .001"
- SPC Output
- Four way measurement
- Includes: fitted case / battery

## ELECTRONIC CALIPERS HEAVY DUTY TYPE WITH FINE ADJUSTMENT AND EXTERNAL UPPER JAWS

SERIES 725:



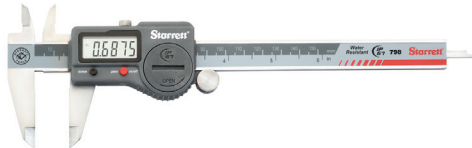
- Inch/mm conversion.
- Resolution .0005"/.01mm
- Manual power on / off
- Zero settings at any position.
- SPC output

Range	4" Jaw Length Order No.	6" Jaw Length Order No.	8" Jaw Length Order No.	Price
24"/600mm	7255600			
40"/1000mm		7251000	-	
60/1500mm		7251500	-	
80"/2000mm			7252000	

## ELECTRONIC CALIPER STARRETT SERIES 798B: WITH OUTPUT



Non-Output Calipers available; please inquire.



### Coolant & Water Resistant - Protects Against Chips, Dust etc.

The new Starrett 798 electronic caliper provides an IP67 level of protection against foreign matter in hostile shop environments. They are coolant and water resistant and offer excellent protection against chips, dirt, dust, and other contaminants.

Extra large LCD (character height .310") makes the 798 exceptionally easy to read.

### Features:

- Induction type linear encoder system
- Hardened stainless steel measuring surface
- Depth rod with available attachment to seat the tool for more accurate measurements on all sizes
- Fine adjustment for precision measurements
- Lock to hold the slide in position
- Linear accuracy meets DIN862
- Resolution is .0005" (0.01 mm)
- Long life CR2032 3V battery
- In/mm conversion
- Zero at any position
- Automatic off after 30 minutes of non-use
- Capable of outputting data for analysis and data collection to RS232 devices
- Fitted plastic case

Range	Catalog No.	EDP	Price
0-6"/150mm	798B-6/150	912521	
0-8"/200mm	798B-8/200	12523	
0-12"/300mm	798B-12/300	12525	

## ELECTRONIC CALIPERS

STARRETT SERIES 799:



### Range: 0-40" / 0-1000mm

Starrett's 799 Series Electronic Calipers are light, comfortable, easy-to-use, and constructed with features that have made Starrett slide calipers the machinist's first choice for many years.

The 799 offers a slim, streamlined profile, a large, clear, easy-to-read LCD display, long battery life, and function buttons for zero and inch/mm.

799 calipers are available in 0-6", 0-8", and 0-12" sizes and the newly available Extended Range 24" and 40". All sizes furnished in a fitted, protective case.

### Features (all sizes)

- Lightweight, ergonomic design
- Inch/millimeter conversion reads .0005" or 0.01mm
- Easy access to the single, long-life battery
- 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 Only

- Large easy-to-read LCD, .32" high characters
- Automatic shut-off after 5 minutes of nonuse
- Linear accuracy meets DIN862
- Integrated depth rod

### Extended Range 24" & 40" Calipers

- Preset and hold feature
- Minimum and maximum limits set
- I.D. jaw dimension is 0.800"/20.32mm
- LCD characters are .50" high
- Auto shut-off after 30 minutes of non-use

Range	Description	Catalog No.	EDP	Price
0-6" (150mm)	Caliper in Fitted Plastic Case	799A-6/150	67410	
0-8" (200mm)	Caliper in Fitted Plastic Case	799A-8/200	67412	
0-12" (300mm)	Caliper in Fitted Plastic Case	799A-12/300	67621	
0-24" (600mm)	Caliper in Fitted Plastic Case	799AZ-24/600	11978	
0-40" (1000mm)	Caliper in Fitted Plastic Case	799AZ-40/1000	11979	

### Accessories and Case Information

Description	Catalog No.	EDP	Price
6", 8" & 12" Calipers Only	Center Distance Attachment	PT26151	64440
	Depth Attachment	PT22431	64640
3 Volt Battery. CR2032	PT99492	65650	
Deluxe Padded Case for 0-6" (150mm) Calipers	723ZZ-6	57070	
Finished Wood Case for 0-8" (200mm) Calipers	950	63878	
Finished Wood Case for 0-12" (300mm) Calipers	946	56695	

Quality Precision Tools



Mitutoyo

Starrett

The Choice Is Yours!!!

## DIGIMATIC SOLAR POWERED CALIPER-WITH ABSOLUTE ENCODER

WITH OR WITHOUT SPC OUTPUT  
MIT SERIES 500:

Mitutoyo



### FEATURES

- The Absolute Encoder eliminates the need for zero setting each time the caliper is turned on.
- The Solar Absolute MyCAL will always turn on showing its true position.
- Memory of the origin point which will not be lost when power is cut off even if the caliper is left in complete darkness for extended periods.
- Unlimited response speed which means no more over-speed errors.
- An incremental measurement function for comparison measurements.
- The battery life has been greatly extended with the power-conserving design permitting 3.5 years (20,000 hours) continuous with a single battery.

Power is supplied by built-in solar cells which operate even in low light conditions down to 60 Lux.

### INCH/METRIC

Order No.	Range	Accuracy	Remarks	Price
500-463	0-4" 0-100mm	±.001"	.075" Round Depth Bar with SPC output	
500-464	0-6" 0-150mm	±.001"	with SPC output	
500-465	0-8" 0-200"mm	±.001"	with SPC output	
500-473	0-4" 0-100mm	±.001"	.075 Round Depth Bar without SPC output	
500-474	0-6" 0-150mm	±.001"	without SPC output	
500-475	0-8" 0-200m	±.001"	without SPC output	

For SPC output order Connecting Cable: 959149 (1m) 959150 (2m)  
Note: Solar Cells should be maintained over 60 lux.

## DATA INPUT TOOL

MIT SERIES 264:

**Input Tool For Personal Computer** Mitutoyo's Input Tool is a simple 1-channel interface unit that allows measurement data to be easily sent to a PC-based spread sheet such as MS-Excel, Lotus 1-2-3, etc., in just one step.

Mitutoyo



### FEATURES

- Measurement data from Mitutoyo Digimatic gage can be input to a software spread sheet by just one touch of a data button.
- Small enough to fit in the palm of your hand. By connecting the input tool to a laptop computer, a portable measurement station is created.
- Easy to connect to a PC via the supplied cable that connects to any IBM PC compatible.
- No battery or AC power is needed. Power is supplied from the PC through the input tool's own connecting cable.
- Measurements are automatically line-fed with every transmission so there is no need to manually group data.

**Connecting cable (optional accessory)  
is required for a connection to a digimatic measuring tool.**

## DIGIMATIC CALIPER WITH ABSOLUTE ENCODER

MIT SERIES 500:

Mitutoyo



The world's first  
Coolant Proof Caliper

Introducing Mitutoyo's Coolant-Proof caliper, the world's first digital caliper sealed against fluids and contaminants!

Mitutoyo introduces the toughest digital caliper in the world - the first that's IP-66 rated: coolant-proof, dust-proof, chip-proof. Use it anywhere in the shop. It also includes Mitutoyo's patented absolute encoder technology, the "Set 'n Forget" origin set-up feature. Now you can take digital measurements in places you never could before! Models available with SPC output.

### Technical Data

Quantizing Error: ±1 Count.  
Repeatability: .0005"/0.01mm  
Display: LCD (Character height: .3" / 7.5mm)  
Functions: Origin / setting, Automatic power on/off, Inch/mm conversion, Data output

Dust/Water  
Protection Level: IP66 (IEC 60529)  
Battery: SR44 (1pc.) up to 8" (2pc.) for 12"  
Battery Life (0-6"): Approx. 3-year under normal use  
Battery Life (0-12"): Approx. 1-year under normal use  
Measuring system: Electromagnetic induction type absolute linear encoder  
Response Speed: Unlimited

Order No.	Range	Accuracy	Remarks	Price
500-752	0-6" 0-150mm	±.001"		
500-762	0-6" 0-150mm	±.001"	with SPC output	
500-753	0-8" 0-200"	±.001"		
500-763	0-8" 0-200mm	±.001"	with SPC output	
500-754	0-12" 0-300mm	±.0015"		
500-764	0-12" 0-300m	±.0015"	with SPC output	

Product	Order No.	PC Requirements	Outside Dim.	Weight	Price
Input Tool For Keyboard	264-005	IBM PC compatible with PS/2 style keyboard interface (including laptops) Connects to keyboard port on CPU		2.7oz. 78g including cable and connector	
Input Tool For RS232C	264-007	IBM PC compatible (including laptops) with RS232C interface Connects to RS232C port on CPU (D-sub 9 pin connector)	2.4"(H)x 1.5"(W)x .9"(D) 60(H)x 37(W)x 22(D)mm	3oz. 87g including cable and connector	
Input Tool For USB	264-012	PC Compatible (including laptops) with USB 2.0 or 1.1 port		2.6 oz (74g) including cable and connector.	

- When using a IBM Think Pad Series, a commercial keyboard adapter is required.
- When using AT style keyboard, adapter for conversion is required.
- Ms-Excel, Lotus 1-2-3 are Trademarks of Microsoft and Lotus Development corporations respectively



## DIGIMATIC CALIPERS WITH ABSOLUTE ENCODER - WITH SPC

### MIT SERIES 500:

Featuring Position Memory  
and 3.5 Year Battery life



- MITUTOYO's new Absolute Encoder Digimatic Caliper offers special functions which allow it to always remember its measuring position even after the gage has been switched off.
- Origin: Allows setting of an origin starting point to be used as reference in subsequent measurements (generally set to closed jaw position). Once set, the Absolute Encoder caliper will switch on showing its true position from the origin point rather than 0.0000 as with standard models.
- Zero/ABS: Allows the display to be Zero-Set at any point along the slider for incremental comparison measurements. This switch will also allow return to the absolute mode and display of the true position from the origin point.
- Also provided is inch/mm conversion and SPC data output. Another outstanding feature of the Absolute Encoder Digimatic Caliper is 3.5 years of use under normal working conditions from just a single SR44 battery cell. (541980)

### INCH/METRIC Resolution .0005"/0.01mm

Order No.	Range	Accuracy	Remarks	Price
500-170	0-4" 0-100mm	±.001"	With SPC output .075" Round Depth Bar	
500-171	0-6" 0-150mm	±.001"	With SPC output	
500-172	0-8" 0-200mm	±.001"	With SPC output	
500-173	0-12" 0-300mm	±.0015"	With SPC output	

### METRIC Resolution 0.01mm

Order No.	Range	Accuracy	Remarks	Price
500-150	0-100mm	±0.02mm	With SPC output 2mm Round Depth Bar	
500-151	0-150mm	±0.02mm	With SPC output	
500-152	0-200mm	±0.02mm	With SPC output	
500-153	0-300mm	±0.03mm	With SPC output	

### METRIC Resolution 0.01mm

Order No.	Range	Accuracy	Remarks	Price
9500-500	0-450mm	±0.05mm	With SPC output Without Depth Bar	
9500-501	0-600mm	±0.05mm	With SPC output Without Depth Bar	

### INCH/METRIC Resolution .0005"/0.001mm

Order No.	Range	Accuracy	Remarks	Price
500-174	0-6" 0-150mm	±0.001"	With SPC output with OD Carbide Jaw	
500-175	0-6" 0-150mm	±0.001"	With SPC output with ID, OD Carbide Jaw	
500-176	0-8" 0-200mm	±0.001"	With SPC output with OD Carbide Jaw	
500-177	0-8" 0-200mm	±0.001"	With SPC output with ID, OD Carbide Jaw	
500-167	0-12" 0-300mm	±.0015"	With SPC output with OD, Carbide Jaw	
500-168	0-12" 0-300mm	±.0015"	With SPC output with ID, OD Carbide Jaw	
500-178	0-6" 0-150mm	±0.001"	With SPC output .075 Round Depth Bar	
500-505	0-18" 0-450mm	±0.002"	With SPC output Without Depth Bar	
500-506	0-24" 0-600mm	±0.002"	With SPC output Without Depth Bar	
500-507	0-40" 0-1,000mm	±0.003"	With SPC output Without Depth Bar	

## DIGIMATIC CALIPERS WITH ABSOLUTE ENCODER WITHOUT SPC

### MIT SERIES 500:



- Introducing the new Digimatic Mycal E-Z Caliper featuring ABSOLUTE LINEAR ENCODER technology. It has achieved superior cost performance and ease of use by featuring only essential functions.

### FEATURES

- The Absolute MyCal E - Z allows direct measurements from power on. You can forget the time consuming origin setup which otherwise is required each time the power is turned on.
- Zero-setting of the display is also possible at any slider position for easy comparison measurements (incremental mode).
- Large LCD digits allow measurement results to be at a glance.
- A scale contamination detection function is implemented to detect contamination of surface and display the error message (ErrC) on the LCD. The correct value is only displayed when the contamination is removed.
- The battery life has been greatly extended with the power-conserving design permitting 3.5 years ( 20,000 hours) continuous with a single battery.

### INCH/METRIC Resolution .0005"/0.01mm

Order No.	Measuring Range	Accuracy	Remarks	Price
500-195	0-4" 0-100mm	± .001"		
500-196	0-6" 0-150mm	± .001"		
500-159	0-6" 0-150mm	±.001"	With OD, Carbide Jaw	
500-160	0-6" 0-150mm	±.001"	With OD, ID Carbide Jaws	
500-197	0-8" 0-200mm	±.001"		
500-163	0-8" 0-200mm	±.001"	With OD, Carbide Jaw	
500-164	0-8" 0-200mm	± .001"	With OD, ID Carbide Jaws	
500-193	0-12" 0-300mm	± .0015"		
500-165	0-12" 0-300mm	± .0015"	With OD, Carbide Jaw	
500-166	0-12" 0-300mm	± .0015"	With OD, ID Carbide Jaws	

Replacement Battery: 541980 (1 Pc.) 541980-10 (10 pcs./SET)

## MYCAL LITE DIGIMATIC CALIPER ECONOMY VERSION

### MIT SERIES 700:

- MyCal Lite is an innovative, new Digimatic Caliper which is economically priced to allow everyone to benefit from the advantages. Large LCD digits ensure error free reading in either inch or mm mode. Additionally, the zero point can be set anywhere to allow quick comparison measurements.

### Technical Data

- Response Speed: 63"/s (1,600mm/s)
- Battery: Silver oxide cell SR-44 (1pc.) #541980
- Battery Life: Approx: two years (under normal use)
- Display: LCD 4-digit (-) sign. Character height: .295"
- Alarm: Battery voltage low. Over speed.

### INCH/METRIC

Order No.	Range	Accuracy	Remarks	Price
700-113	0-6" 0-150mm	±005" ±0.2mm	No SPC output Depth Bar Provided	
700-123	0-8" 0-200mm	±005" ±0.2mm	No SPC output Depth Bar Provided	