BEARING & TOOL CENTRE

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Our Sister Concern : RELIEF SERVICE CENTRE
Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

31	Digimatic Vernier Caliper [Electronic]	Least count 0. 01 mm / 0. 0005 inch

Range-mm	W	C	D%	0 – 450	0-500	0-600	0-800	0-1000	0-1500	0-2000
Insize Rs.	12	N		17217	13030	17031	34241	38401	86273	127461
Code				**1106-451**	**1106-501**	**1106 - 601**	**1106-802**	**1106 - 1002**	**1106-1502**	**1106-2002**
Catalog				Page - 2	Page – 2	Page – 2	Page – 2	Page – 2	Page – 2	Page – 2
Aerospace Rs.	-	N		6400	-	6800	-	13800	-	-
M & W	6	N		-	-	12500	-	26000		
Code						**DIG 600**		**DIG 1000**		
Catalog						Page – 7		Page – 7		
Baker Rs.	12	Y	15	-	24050	32600	41900	61200	89320	125290
Code	-	-	-	-	**SDN 50**	**SDN 60**	**SDN 80**	**SDN 100**	**SDN 150**	**SDN 200**
Catalog					Page – 2	Page – 2	Page – 2	Page – 2		
Mitutoyo Rs.	12	N	5	42905	-	46795	-	84918	-	-
Code	-	-	-	**500 – 505**	-	**500-506**	-	**500-507**	-	-
Catalog				Page – 4,5		Page – 4,5		Page – 4,5		

Note:- Aerospace item once sold will not be taken back even if it is Faulty.

***** W – Warranty , C – Certificate , D- Discount**

Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No**. 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

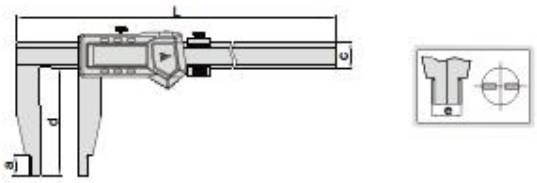
INSIZE MAKE

DIGITAL CALIPER

(mm)

Code	Range	Accuracy	a	c	d	e	L
1106-301	0-300mm/0-12"	±0.05mm	12	24	100	20	420
1106-302	0-300mm/0-12"	±0.05mm	12	24	150	20	420
1106-451	0-450mm/0-18"	±0.05mm	18	24	100	20	625
1106-501	0-500mm/0-20"	±0.05mm	18	24	100	20	675
1106-502	0-500mm/0-20"	±0.06mm	18	24	150	20	675
1106-503	0-500mm/0-20"	±0.06mm	18	31	200	20	675
1106-505	0-500mm/0-20"	±0.08mm	18	42	300	20	675
1106-601	0-600mm/0-24"	±0.05mm	18	24	100	20	770
1106-602	0-600mm/0-24"	±0.06mm	18	24	150	20	770
1106-603	0-600mm/0-24"	±0.06mm	18	31	200	20	770
1106-802	0-800mm/0-32"	±0.07mm	24	31	150	20	1025
1106-1002	0-1000mm/0-40"	±0.08mm	24	31	150	20	1220
1106-1003	0-1000mm/0-40"	±0.08mm	24	31	200	20	1220
1106-1005	0-1000mm/0-40"	±0.10mm	24	42	300	20	1220
1106-1502	0-1500mm/0-60"	±0.11mm	24	42	150	20	1780
1106-1503	0-1500mm/0-60"	±0.12mm	24	42	200	20	1780
1106-2002	0-2000mm/0-80"	±0.14mm	24	42	150	20	2290
1106-2003	0-2000mm/0-80"	±0.14mm	24	42	200	20	2290
1106-2502	0-2500mm/0-100"	±0.22mm	24	42	150	20	2800
1106-3002	0-3000mm/0-120"	±0.26mm	24	42	150	20	3300

1106-501



- Resolution: 0.01mm/0.0005"
- Button function: on/off, zero, mm/inch, ABS, data preset
- Battery CR2032
- Data output
- Made of stainless steel
- Optional accessory: data output cable (code **7306-20, 7302-SPC5A/SPC5B, 7305-SPC2A**)

BAKER

CALIPERS

BAKER

DIGITAL CALIPERS

PRODUCT CODE	DESCRIPTION	UNIT RATE ₹
E62319000	BAKER IP66 Large Diameter Digital Caliper ***Type SDN50***, with metric & inch capability. Reading : 0.01 mm / 0.0005 inch Range : 0 - 500 mm / 0 - 20 inch	24,050.00
E62329000	BAKER IP66 Large Diameter Digital Caliper ***Type SDN60***, with metric & inch capability. Reading : 0.01 mm / 0.0005 inch Range : 0 - 600 mm / 0 - 24 inch	32,600.00
E62339000	BAKER IP66 Large Diameter Digital Caliper ***Type SDN80***, with metric & inch capability. Reading : 0.01 mm / 0.0005 inch Range : 0 - 800 mm / 0 - 32 inch	41,900.00
E62349000	BAKER IP66 Large Diameter Digital Caliper ***Type SDN100***, with metric & inch capability. Reading : 0.01 mm / 0.0005 inch Range : 0 - 1000 mm / 0 - 40 inch	61,200.00

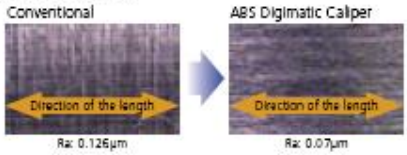
MITUTOYO MAKE

ABSOLUTE Digimatic Caliper

SERIES 500 — with Exclusive ABSOLUTE Encoder Technology

Mitutoyo's absolute Digimatic Caliper is the next generation of electronic calipers. It keeps track of its origin point once set. Whenever turned on, the large LCD screen displays the actual slider position ready to start measurement. No more repeated zero setting is necessary with the absolute encoder technology as well as no more care for overspeed errors.

High quality guide surface finish for smooth slider movement



FEATURES

- Large and clear LCD readout.
- The ZERO/ABS key allows the display to be Zero-Set at any slider position along the scale for incremental comparison measurements. This switch will also allow return to the absolute (ABS) coordinate and display of the true position from the origin point (usually jaws-closed point).
- Data Hold Unit (959143) is optional.
- Carbide-tipped jaw type calipers are also available.

SPC

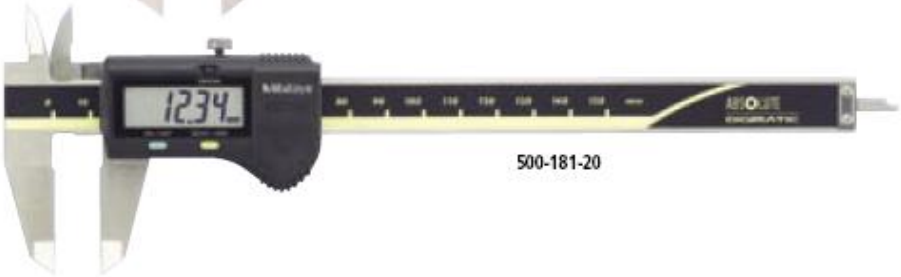
ABSOLUTE® Absolute System Patented by MITUTOYO

(Refer to the page 9 for details.)

PROPRIETARY INSPECTION CERTIFICATE

(Refer to the page 9 for details.)

500-150-20



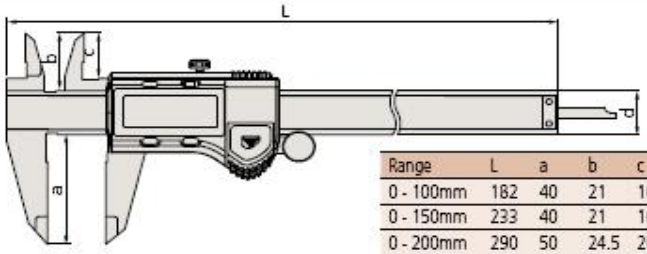
500-181-20

Technical Data

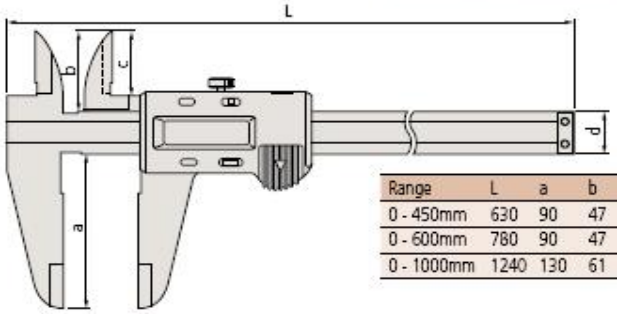
Accuracy: ±0.02mm (≤200mm), ±0.03mm (≤300mm) ±0.05mm (≤600mm), ±0.07mm (≤1000mm) (excluding quantizing error)
Resolution: 0.01mm or .0005"/0.01mm
Repeatability: 0.01mm
Display: LCD
Length standard: ABSOLUTE electrostatic capacitance type linear encoder

DIMENSION

Unit: mm



Range	L	a	b	c	e
0 - 100mm	182	40	21	16.5	16
0 - 150mm	233	40	21	16.5	16
0 - 200mm	290	50	24.5	20	16
0 - 300mm	403	64	27.5	22	20



Range	L	a	b	c	e
0 - 450mm	630	90	47	38	25
0 - 600mm	780	90	47	38	25
0 - 1000mm	1240	130	61	50	32

Max. response speed: Unlimited
Battery: SR44 (1 pc.), **938882**
Battery life: Approx. 3.5 years under normal use

Function

Origin-set, Zero-setting, Data output, inch/mm conversion (inch/mm models)
Alarm: Low voltage, Counting value composition error

Optional Accessory

959143: Data hold unit
959149: SPC cable with data switch (1m)
959150: SPC cable with data switch (2m)

959143

959149

SPECIFICATIONS

Metric

Range	Order No.	Remarks (depth measuring bar / thumb roller / others)		
0 - 100mm	**500-150-20**	ø1.9mm rod	with thumb roller	—
0 - 100mm	**500-180-20***	ø1.9mm rod	—	—
0 - 150mm	**500-151-20**	Blade	with thumb roller	—
0 - 150mm	**500-154-20**	Blade	with thumb roller	Carbide-tipped jaws for OD measurement
0 - 150mm	**500-155-20**	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 150mm	**500-158-20**	ø1.9mm rod	with thumb roller	—
0 - 150mm	**500-181-20***	Blade	—	—
0 - 200mm	**500-152-20**	Blade	with thumb roller	—
0 - 200mm	**500-156-20**	Blade	with thumb roller	Carbide-tipped jaws for OD measurement
0 - 200mm	**500-157-20**	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 200mm	**500-182-20***	Blade	—	—
0 - 300mm	**500-153**	Blade	with thumb roller	—
0 - 450mm	**500-500-10**	—	—	—
0 - 600mm	**500-501-10**	—	—	—
0 - 1000mm	**500-502-10**	—	—	—

*without SPC data output

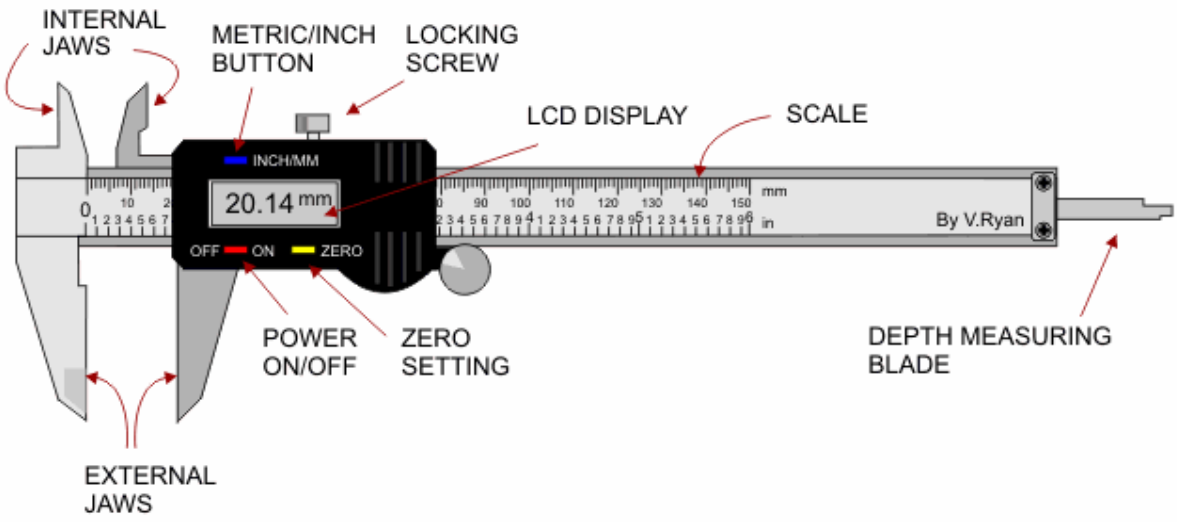
Inch/Metric

Range	Order No.	Remarks (depth measuring bar / thumb roller / others)		
0 - 4"	**500-170-20**	ø3/40" rod	with thumb roller	—
0 - 4"	**500-195-20***	ø3/40" rod	with thumb roller	—
0 - 6"	**500-171-20**	Blade	with thumb roller	—
0 - 6"	**500-174-20**	Blade	with thumb roller	Carbide-tipped jaws for OD measurement
0 - 6"	**500-175-20**	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 6"	**500-178-20**	ø3/40" rod	with thumb roller	—
0 - 6"	**500-196-20***	Blade	with thumb roller	—
0 - 6"	**500-159-20***	Blade	with thumb roller	Carbide-tipped jaws for OD measurement

0 - 6"	500-160-20*	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 8"	500-172-20	Blade	with thumb roller	—
0 - 8"	500-176-20	Blade	with thumb roller	Carbide-tipped jaws for OD measurement
0 - 8"	500-177-20	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 8"	500-197-20*	Blade	with thumb roller	—
0 - 8"	500-163-20*	Blade	with thumb roller	Carbide-tipped jaws for OD measurement
0 - 8"	500-164-20*	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 12"	500-173	Blade	with thumb roller	—
0 - 12"	500-167	Blade	with thumb roller	Carbide-tipped jaws for OD measurement
0 - 12"	500-168	Blade	with thumb roller	Carbide-tipped jaws for OD & ID measurement
0 - 12"	500-193*	Blade	with thumb roller	—
0 - 12"	500-165*	Blade	—	Carbide-tipped jaws for OD measurement
0 - 12"	500-166*	Blade	—	Carbide-tipped jaws for OD & ID measurement
0 - 18"	500-505-10	—	with thumb roller	—
0 - 24"	500-506-10	—	with thumb roller	—
0 - 40"	500-507-10	—	with thumb roller	—

*without SPC data output

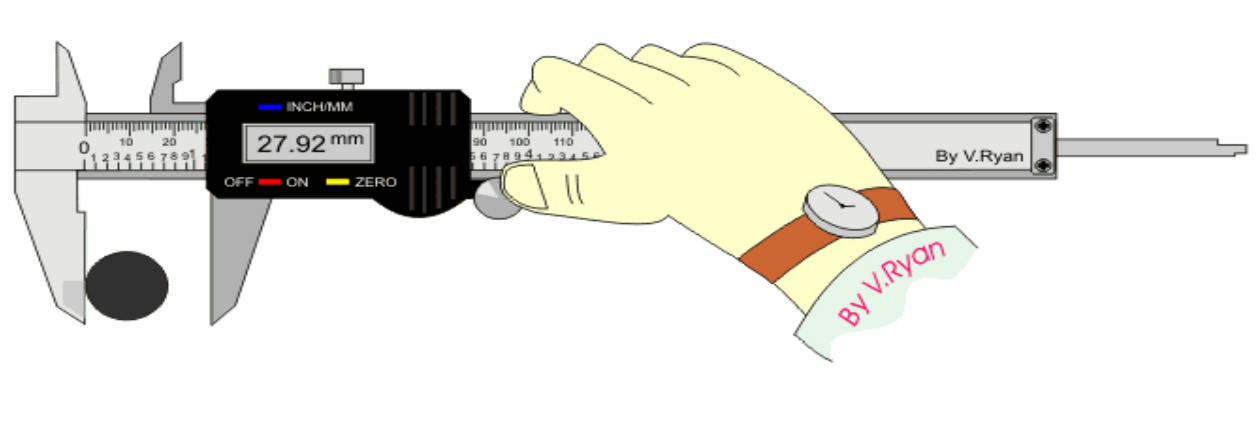
The Digital Caliper (sometimes incorrectly called the Digital Vernier Caliper) is a precision instrument that can be used to measure internal and external distances extremely accurately. The example shown below is a digital caliper as the distances/measurements, are read from a LCD display. The most important parts have been labelled. Earlier versions of this type of measuring instrument had to be read by looking carefully at the imperial or metric scale and there was a need for very good eyesight in order to read the small sliding scale. Manually operated vernier calipers can still be bought and remain popular because they are much cheaper than the digital version. Also, the digital version requires a small battery whereas the manual version does not need any power source. Digital calipers are easier to use as the measurement is clearly displayed and also, by pressing the inch/mm button the distance can be read as metric or imperial.



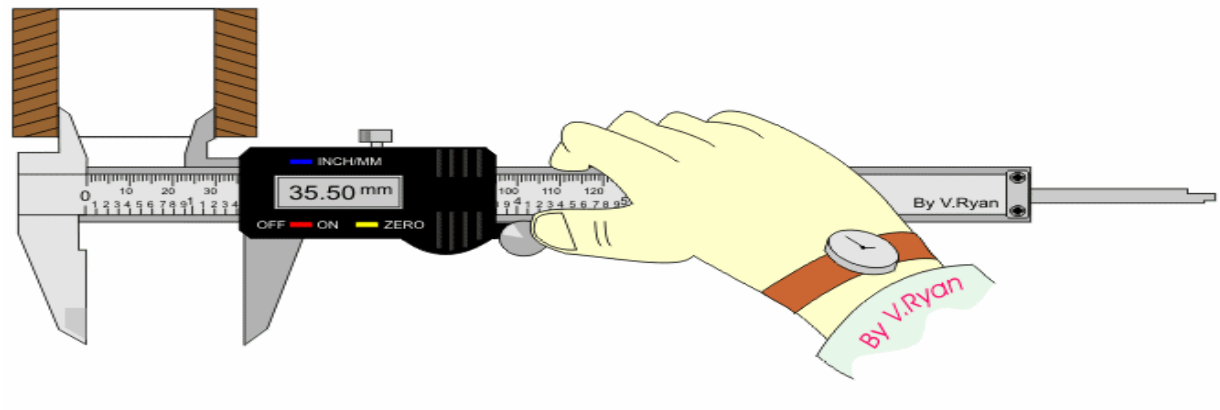
The display is turned on with the on/off button. The external jaws should then be brought together until they touch and the zero button should be pressed. The digital caliper can then be used to measure distances. Always go through this procedure when turning on the display for the first time.

MEASURING EXTERNAL DISTANCES

The material to be measured is placed between the external jaws and they are carefully brought together. The locking screw is tightened so that the jaws do not move apart. The digital display can then be read. The distance can be read by in metric and imperial by pressing the inch/mm button.

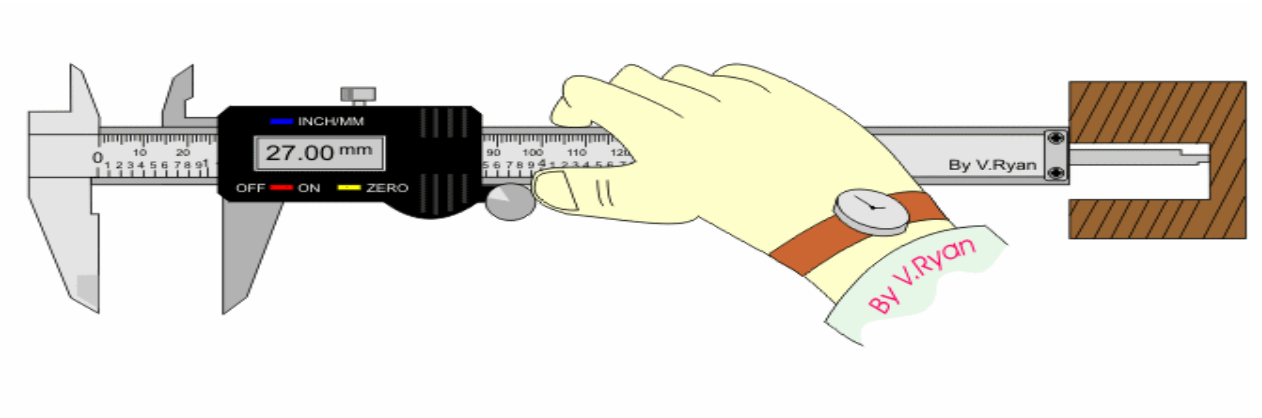


The example below shows a digital caliper being used to measure the internal diameter of a piece of copper tube. The internal jaws are adjusted carefully until they touch the internal ‘sides’. The locking screw is tightened so that an accurate measurement can be made even if the jaws are ‘knocked’ against the sides as the jaws are removed from the hole. The measurement is shown on the LCD display.

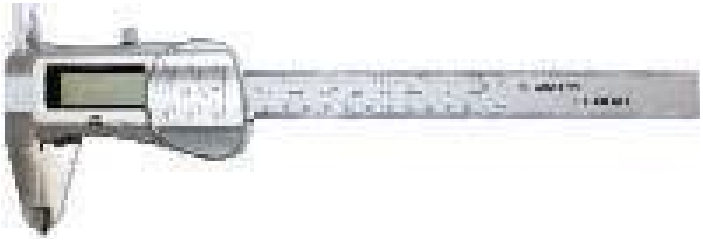


MEASURING DEPTHS

Measuring the depth of a hole can be very difficult. However, using a digital caliper makes this task easy. The base of the vernier caliper rests on the top of the hole and the depth measuring blade is adjusted until it touches the bottom of the hole. The locking screw is tightened and the measurement can be read on the LCD display.



M &W MAKE



CODE	RANGE	PRICE
DIG 600	0-600 mm / 24"	12,500/-
DIG 1000	0-1000 mm / 40"	26,000/-