

Mitutoyo

Digital ABS AOS Caliper

Item number: 500-158-30



Images



Description

This digimatic caliper allows you to take reliable measurements and offers you the following benefits:

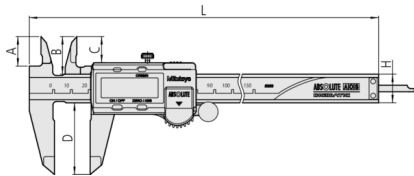
- AOS (Advanced Onsite Sensor) induction type encoder used in top-of-the-line ABS coolant-proof calipers
- Thanks to the adoption of the electromagnetic induction type ABS encoder, this caliper can be used without concern for contamination on the scale face during measurement. Detection signal is not affected by dirt (water, oil, etc.) on surface of a scale.
- ABS (ABSOLUTE) scale requires no origin setting after power-on and has no limit to response speed.

Features

Range:	0 - 150 mm
Depth bar:	Ø 1.9 mm
Thumb roller:	Yes
Data output:	Yes
Max. Permissible Error E MPE:	±0,02 mm
Max. Permissible Error S MPE:	±0,04 mm
Digital step:	0.01 mm

Max. response speed:	Unlimited
Display:	LCD, character height 9 mm (150, 200 mm) 11 mm (300 mm)
Delivered:	In a case, including 1 SR-44 battery
ORIGIN (ABS-Zero):	Yes
ON/OFF:	Yes
ABS / INC (INC ZERO):	Yes
Low voltage alarm:	Yes
Battery life:	Approx. 5 years under normal use
Mass:	168 g

Dimensions



A:	16.5 mm
B:	21 mm
C:	14.5 mm
D:	40 mm
H:	16 mm

Accessories

Optional accessories:



**Digimatic Cable, Straight, Data Button,
1m**
959149

Suggested retail price: **47.00 €**



**Digimatic Cable, Straight, Data Button,
2m**
959150

Suggested retail price: **55.00 €**



**USB Input Tool Direct (Digimatic USB)
Digi/Digi2, Straight, with Data Button**
06AFM380C

Suggested retail price: **121.00 €**



**U-WAVE fit, IP67 Type
Wireless Transmitter for Caliper**
264-620

Suggested retail price: **183.00 €**



**U-WAVE fit, Buzzer Type (not IP rated)
Wireless Transmitter for Caliper**
264-621

Suggested retail price: **183.00 €**



**U-WAVE fit Bluetooth, IP67 Type
Wireless Transmitter for Caliper**
264-624

Suggested retail price: **181.00 €**



**U-WAVE fit Bluetooth, Buzzer Type (not IP rated)
Wireless Transmitter for Caliper**
264-625

Suggested retail price: **181.00 €**



**Connection Unit, U-WAVE fit
Standard Type
02AZF300**
Suggested retail price: **102.00 €**



**Data Hold Unit
959143**
Suggested retail price: **35.00 €**



**Depth Base Attachment for Caliper, 75mm width
75mm width for 100, 150, 200mm Range
050083-10**
Suggested retail price: **58.00 €**



**Depth Base Attachment for Caliper
100mm width for 100, 150, 200mm Range
050084-10**
Suggested retail price: **65.00 €**

Spare parts

Consumable spares:



**Battery SR44 1.5V
938882**