

## Digital ABS AOS Caliper, ID/OD

### Carb. Ja.

Item number: 500-175-30

#### Images



# ABSOLUTE®



#### Description

These Digimatic calipers have carbide-tipped jaws and allow you to take reliable measurements and offer you the following benefits:

- 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.
- The slider provides smooth, stable and comfortable operation.
- Character height: 9 mm (alleviation of fatigue with the high-contrast LCD)
- The ABS (ABSOLUTE) scale requires no origin setting after power-on and also has no limit to response speed.
- Extraordinary battery life.

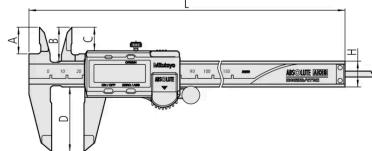
#### Features

Range:

0 - 6 "

<b>Delivered:</b>	Including box, SR44 battery, certificate of inspection
<b>Depth bar:</b>	flat
<b>Thumb roller:</b>	Yes
<b>Data output:</b>	Yes
<b>Max. Permissible Error E MPE:</b>	±0.001"
<b>Max. Permissible Error S MPE:</b>	±0.002"
<b>Digital step:</b>	0.0005"/0.01 mm
<b>Max. response speed:</b>	Unlimited
<b>ORIGIN (ABS-Zero):</b>	Yes
<b>ON/OFF:</b>	Yes
<b>ABS / INC (INC ZERO):</b>	Yes
<b>Low voltage alarm:</b>	Yes
<b>Battery life:</b>	Approx. 5 years under normal use
<b>Mass:</b>	168 g

## Dimensions



**L:** 233 mm mm

**A:** 16.5 mm

**B:** 21 mm

**C:** 14.5 mm

**D:** 40 mm

**H:** 16 mm

## Accessories

### Optional accessories:

**Mitutoyo**

**MiCAT**  
the standard in world  
metrology software  
**MeasurLink®**

### USB-ITPAK Vers. 3.0

USB Dongle + Manual (Software available

Online)

Art No. 06AGR543

Suggested retail price: 340.00 €\*



### Standard accessories:



## Connection Unit for Standard Caliper

with Data Button for U-WAVE fit, U-WAVE fit

Bluetooth

Art No. 02AZF300

Suggested retail price: 105.00 €\*



## U-WAVE fit, IP67 Type

Wireless Transmitter for Caliper

Art No. 264-620

Suggested retail price: 185.00 €\*



## U-WAVE fit, Buzzer Type

Wireless Transmitter for Caliper

Art No. 264-621

Suggested retail price: 185.00 €\*



## USB Input Tool Direct (Digimatic to USB)

2m Cable, Digimatic/Digimatic 2, Straight,  
with Data Button

Art No. 06AFM380C

Suggested retail price: 124.00 €\*



## Digimatic Cable, Straight, Data Button,

1m

Art No. 959149

Suggested retail price: 48.00 €\*



### **Digimatic Cable, Straight, Data Button**

2m

Art No. 959150

Suggested retail price: 57.00 €\*



### **Depth Base Attachment for Caliper**

75mm width for 100, 150, 200mm Range

Art No. 050083-10

Suggested retail price: 60.00 €\*



### **Depth Base Attachment for Caliper**

100mm width for 100, 150, 200mm Range

Art No. 050084-10

Suggested retail price: 67.00 €\*



### **Depth Base Attachment for Caliper**

125mm width for 300mm Range

Art No. 050085-10

Suggested retail price: 74.00 €\*



### **Data Hold Unit**

for Digital Caliper

Art No. 959143

Suggested retail price: 39.50 €\*



## **Battery SR44 1,5 V**

Art No. 938882

Suggested retail price: 7.00 €\*