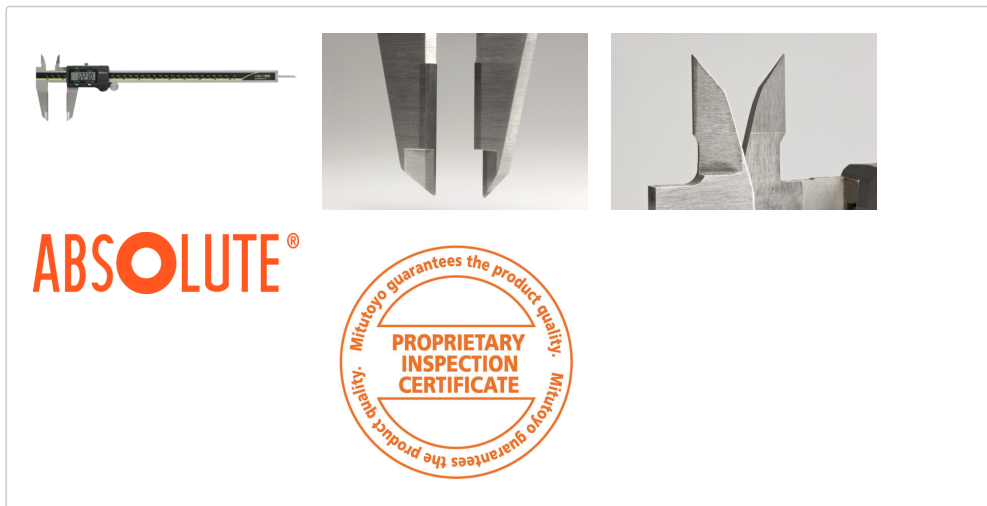


# Mitutoyo

## Digital ABS AOS Caliper, ID/OD Carb.

Ja.

Item number: 500-166-30



### Images



### Description

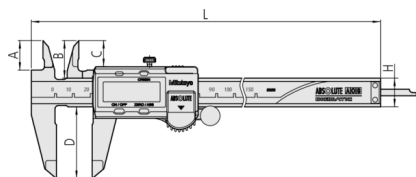
These Digimatic calipers have carbide-tipped jaws and allow you to take reliable measurements and offer you the following benefits:

- 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:	<b>0 - 12 "</b>
Depth bar:	<b>flat</b>
Data output:	<b>No</b>
Max. Permissible Error E MPE:	<b>±0,0015"</b>
Max. Permissible Error S MPE:	<b>±0,0025"</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>350 g</b>

## Dimensions



L:	<b>404 mm</b>
A:	<b>22 mm</b>
B:	<b>27.5 mm</b>
C:	<b>19.8 mm</b>
D:	<b>64 mm</b>
H:	<b>20 mm</b>

## Accessories

### Standard accessories:



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

Suggested retail price: **47.00 €\***



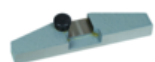
**Digimatic Cable, Straight, Data Button,  
2m**  
**959150**

Suggested retail price: **55.00 €\***



**Data Hold Unit**  
**959143**

Suggested retail price: **35.00 €\***



**Depth Base Attachment for Caliper**  
**125mm width for 300mm Range**  
**050085-10**

Suggested retail price: **72.00 €\***



**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 €\***



**Connection Unit, U-WAVE fit  
Standard Type  
02AZF300**

Suggested retail price: **102.00 €\***

## Spare parts

### Consumable spares:



**Battery SR44 1.5V  
938882**



**button battery  
ED002**