

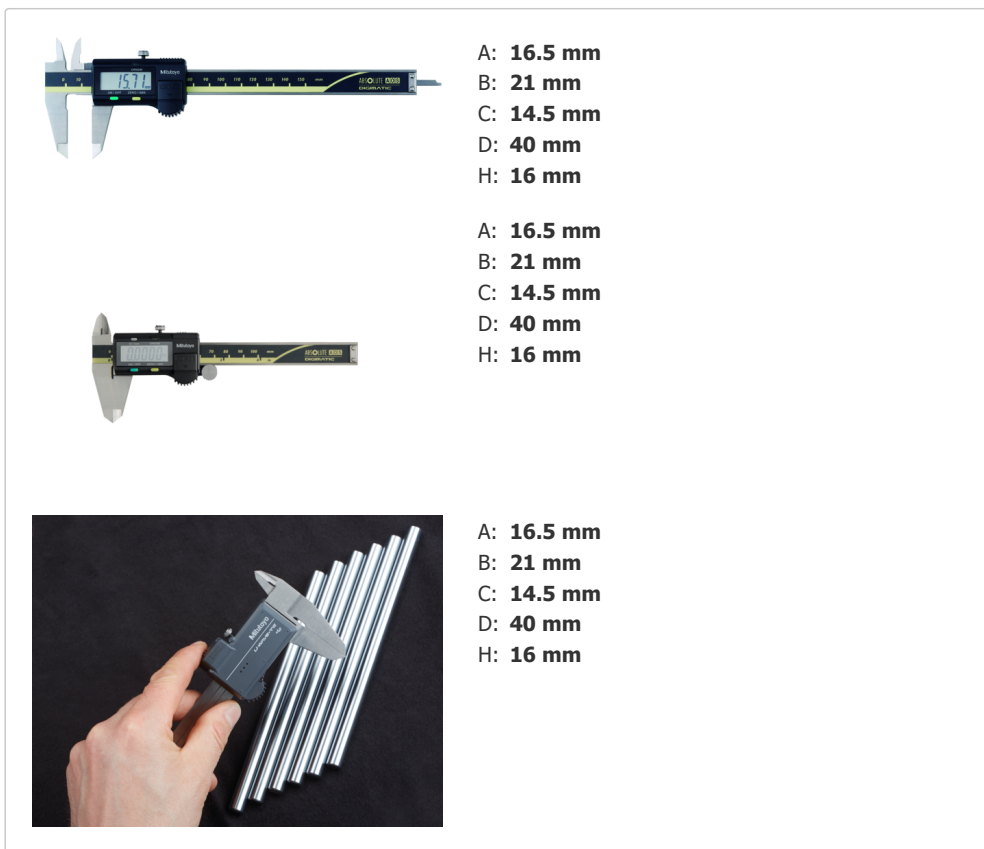
# Mitutoyo

## Digital ABS AOS Caliper

Item number: 500-170-30



### Images



### Description

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

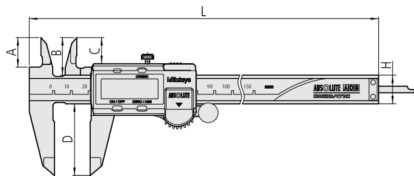
- AOS (Advanced Onsite Sensor) induction type encoder used in top-of-the-line ABS coolant-proof calipers
- Thanks to the adoption of the electromagnetic induction type ABS encoder, this caliper can be used without concern for contamination on the scale face during measurement. Detection signal is not 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:	<b>0 - 4 "</b>
Depth bar:	<b>Ø 1.9 mm</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>
Display:	<b>LCD, character height 9 mm (150, 200 mm) 11 mm (300 mm)</b>
Delivered:	<b>In a case, including 1 SR-44 battery</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>143 g</b>

## Dimensions



A:	<b>16.5 mm</b>
B:	<b>21 mm</b>
C:	<b>14.5 mm</b>
D:	<b>40 mm</b>
H:	<b>16 mm</b>

## 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**