

# Mitutoyo

## Digital ABS AOS Caliper

0-200mm

Item number: 500-182-30



### Description

These Digimatic calipers allow you to take reliable measurements and offer you the following benefits:

- Now equipped with the same 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 (except 300mm type).
- The slider provides smooth, stable and comfortable operation.
- Character height: 9mm (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





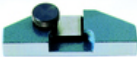

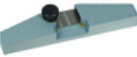
Range: <b>0 - 200 mm</b>
Depth bar: <b>flat</b>
Mass: <b>194 g</b>
Accuracy: <b>≤ 200 mm : ±0,02 mm / &gt; 200 mm : ±0,03 mm (excluding quantizing error)</b>
Digital step: <b>0,01 mm</b>
Max. response speed: <b>Unlimited</b>
Battery life: <b>approx. 18000 hours</b>
Display: <b>LCD, Character Height 9 mm</b>
Delivered: <b>In a case, including 1 battery</b>
ORIGIN (ABS-Zero): <b>Yes</b>
ZERO/ABS: <b>Yes</b>
ON/OFF: <b>Yes</b>
Low voltage alarm: <b>Yes</b>
Digital/Analog: <b>Digital</b>
Inch-Metric: <b>Metric</b>
Functions: <b>Without thumb roller</b>

### Dimensions



## Accessories

## Optional accessories:

Product	Price
 <b>Digimatic Cable, Straight, Data Button, 1m</b> 959149	Price on application
 <b>Digimatic Cable, Straight, Data Button, 2m</b> 959150	Price on application
 <b>U-WAVE T Connection Cable C</b> Straight, with Data Button <b>02AZD790C</b>	Suggested retail price: 92.00 €*
 <b>USB Input Tool Direct (Digimatic USB)</b> Straight, with Data Button <b>06AFM380C</b>	Suggested retail price: 104.00 €*
 <b>Depth Base Attachment for Caliper, 75mm width</b> for 100, 150, 200mm range <b>050083-10</b>	Suggested retail price: 47.00 €*
 <b>Depth Base Attachment for Caliper, 100 mm width</b> for 100mm, 100, 150, 200mm range <b>050084-10</b>	Suggested retail price: 52.00 €*
 <b>Depth Base Attachment for Caliper, 125 mm width</b> for 300mm range <b>050085-10</b>	Suggested retail price: 59.00 €*

## Consumable spares:

Product	Price
 <b>Battery SR44 1.5V</b> 938882	Price on application