

# Digimatic Holtest

## SERIES 468 — Three-Point Internal Micrometers

### FEATURES

- Three-point internal micrometer with a digital LCD display (text height = 7.4 mm).
- Titanium-coated measuring surfaces.
- Built-in memory can store two preset values for origin setting to enable storage of multiple actual measurements of setting rings with the object of aiding efficient measurement preparation.
- A single button-type battery lasts approximately 1.2 years under normal usage conditions.
- Support for ABS and INC measurement modes for maximum efficiency.
- IP65 protection rated; can be used in places where cutting fluid may splash.
- Measurement reach extends to the bottom of blind holes.
- Enables measurement of deep holes with an optional extension rod.
- Function Lock feature to prevent accidental modification of the origin.
- Setting Rings for accurately setting the instrument are optional.



468-161



468-168



468-174

### DIMENSIONS AND MASS

Range	L
6 - 8mm	59
8 - 10mm	59
10 - 12mm	59
12 - 16mm	84
16 - 20mm	84
20 - 25mm	93
25 - 30mm	93
30 - 40mm	103.8
40 - 50mm	103.8
50 - 63mm	105.4
62 - 75mm	105.4
75 - 88mm	105.4
87 - 100mm	105.4
100 - 125mm	151.4
125 - 150mm	151.4
150 - 175mm	151.4
175 - 200mm	151.4
200 - 225mm	151.4
225 - 250mm	151.4
250 - 275mm	151.4
275 - 300mm	151.4

**Measuring a Blind Hole**

The measuring pins fixed to the anvils permit measuring the diameter of a blind hole right down to the bottom.

Range	a	b	c
6 - 12mm	2	—	2.5
12 - 20mm	0.3	5.6	3.5
20 - 30mm	0.3	8.3	5.2
30 - 50mm	0.3	13	10
50 - 100mm	0.3	17	14
100 - 300mm	12.4	21	13.8



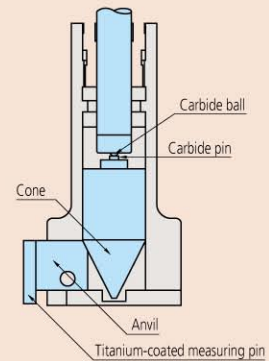
(Refer to page VIII for details.)



(Refer to page VIII for details.)

### Technical Data

Accuracy: Refer to the list of specifications.  
 Resolution: 0.001mm, .00005"/0.001mm (models up to 4")  
 or .0001"/0.001mm (models over 5")  
 Measuring pins: Titanium-coated tungsten carbide  
 Measuring method: Three-point method  
 Display: LCD  
 Battery: SR44 (1 pcs.), **938882**  
 Battery life: Approx. 1.2 years under normal use



### Functions

Zero-setting, Data hold, Automatic power ON/OFF, Data output, 2-point Preset, Function lock, Automatic power on/off, inch/mm conversion (inch/mm models)  
 Alarm: Low voltage, Counting value composition error

### Optional Accessories

- 05CZA662:** SPC cable with data switch (1m)
- 05CZA663:** SPC cable with data switch (2m)
- 02AZD790B:** SPC cable for U-WAVE w/ data switch (160mm)
- 04AZB157:** Mounting plate for stand
- 156-101-10:** Stand
- : Extension rod (Refer to the list of specifications.)
- : Setting ring (See page C-28.)

