

# Digimatic Holtest

## SERIES 468 — Three-Point Internal Micrometers

### FEATURES

- TiN-coated measuring contact points provide excellent durability and impact resistance and allow the instrument to measure to the bottom of a blind hole (up to 100mm / 4" models).
- Large LCD readout.
- Functions available: Presetting, Zero/ABS, Auto power On/Off, Data hold, Data output, Error alarm, Battery replacement alarm.
- With Ratchet Stop for constant force.
- Can measure deep holes by attaching an Extension rod (optional).
- Setting rings for origin point setting are optional.
- Supplied in fitted plastic case up to 100mm / 4". Over 100mm / 4" supplied in wooden case.



468-261



468-263



468-274



TiN coated contact points  
(\*-10" suffix models only)

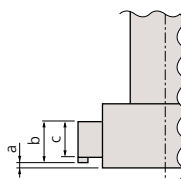
### DIMENSIONS AND MASS

| Range                   | L     | Mass (g) | Measuring a Blind Hole |     |      |
|-------------------------|-------|----------|------------------------|-----|------|
|                         |       |          | a                      | b   | c    |
| 6 - 8mm / .275 - .35"   | 59    | 400      | 2                      | —   | 2.5  |
| 8 - 10mm / .35 - .425"  | 59    | 400      | 0.3                    | 5.6 | 3.5  |
| 10 - 12mm / .425 - .5"  | 59    | 400      | 0.3                    | 8.3 | 5.2  |
| 12 - 16mm / .5 - .65"   | 84    | 430      | 0.3                    | 13  | 10   |
| 16 - 20mm / .65 - .8"   | 84    | 430      | 0.3                    | 17  | 14   |
| 20 - 25mm / .8 - 1"     | 93    | 500      | 12.4                   | 21  | 13.8 |
| 25 - 30mm / 1 - 1.2"    | 93    | 510      |                        |     |      |
| 30 - 40mm / 1.2 - 1.6"  | 103.8 | 510      |                        |     |      |
| 40 - 50mm / 1.6 - 2"    | 103.8 | 530      |                        |     |      |
| 50 - 63mm / 2 - 2.5"    | 105.4 | 650      |                        |     |      |
| 62 - 75mm / 2.5 - 3.0"  | 105.4 | 660      |                        |     |      |
| 75 - 88mm / 3.0 - 3.5"  | 105.4 | 990      |                        |     |      |
| 87 - 100mm / 3.5 - 4.0" | 105.4 | 1000     |                        |     |      |
| 100 - 125mm / 4 - 5"    | 151.4 | 970      |                        |     |      |
| 125 - 150mm / 5 - 6"    | 151.4 | 1060     |                        |     |      |
| 150 - 175mm / 6 - 7"    | 151.4 | 1150     |                        |     |      |
| 175 - 200mm / 7 - 8"    | 151.4 | 1240     |                        |     |      |
| 200 - 225mm / 8 - 9"    | 151.4 | 1330     |                        |     |      |
| 225 - 250mm / 9 - 10"   | 151.4 | 1420     |                        |     |      |
| 250 - 275mm / 10 - 11"  | 151.4 | 1510     |                        |     |      |
| 275 - 300mm / 11 - 12"  | 151.4 | 1600     |                        |     |      |

Unit: mm

### Measuring a Blind Hole

The measuring contact points held in the jaws permit measuring the diameter of a blind hole to the bottom.  
(up to 100mm / 4" models)



| Range                 | a    | b   | c    |
|-----------------------|------|-----|------|
| 6 - 12mm / .275 - .5" | 2    | —   | 2.5  |
| 12 - 20mm / .5 - .8"  | 0.3  | 5.6 | 3.5  |
| 20 - 30mm / .8 - 1.2" | 0.3  | 8.3 | 5.2  |
| 30 - 50mm / 1.2 - 2"  | 0.3  | 13  | 10   |
| 50 - 100mm / 2 - 4"   | 0.3  | 17  | 14   |
| 100 - 300mm / 4 - 12" | 12.4 | 21  | 13.8 |



### Technical Data

Accuracy: Refer to the list of specifications.  
Resolution: 0.001mm or .00005"/0.001mm  
(over 4 - 5" models: .0001"/0.001mm)  
Contact point: TiN coating  
Measuring method: Three-point method  
Display: LCD  
Battery: SR44 (2 pcs.), 938882  
Battery life: Approx. 1.2 years under normal use

### Function

Zero/ABS, Auto Power On/Off, Data hold, Data output, Preset, inch/mm conversion (on inch/metric models only)  
Alarm: Low voltage, Counting value composition error

### Optional Accessories

05CZA662: SPC cable (1m / 40")

05CZA663: SPC cable (2m / 80")

04AZB157: Mounting plate for stand

156-101-10: Stand

952322: Extension rod 100mm / 3.94"  
For range 6-12mm / .275 - .5" models

952621: Extension rod 150mm / 5.9"  
For range 12-20mm / .5" - .8" models

952622: Extension rod 150mm / 5.9"  
For range 20-50mm / .8" - 2" models

952623: Extension rod 150mm / 5.9"  
For range 50-300mm / 2" - 12" models



04AZB157

02AZD790B: Connection cable for U-Wave-T standard  
(160mm)  
Refer to page A-13 for details.