

METROLOGY®

Digital Outside Micrometer



Standard



IP65 Second



IP65



IP65 Fast



For special anvil types

Digital Outside Micrometer (Standard)



Large, high contrast LCD display, resolution 0.001mm/ 0.00005"

per revolution 0.5mm

Spindle lock

German technique unibody precision screw and Φ 6.5mm spindle

Tungsten carbide anvil

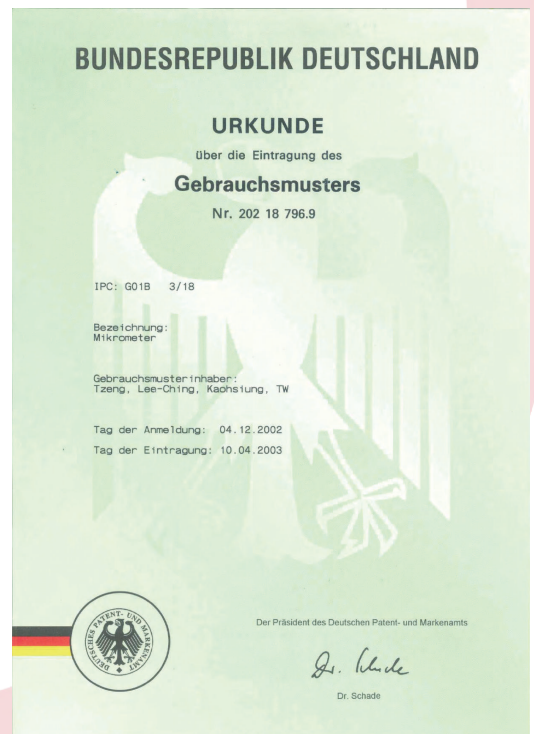
Thimble and screw lock device

German patented ergonomic design thimble with automatic pressure force

Function button
 ON/OFF : power on/off
 SET : setting zero at any positions
 ABS/INC : ABS/INC value conversion
 in/mm : imperial and metric conversion

Painted cast iron frame

Heat insulating plastic frame cover



| Model No. | Measuring Range | Accuracy |
|-----------|------------------|--------------------|
| EM-9001 | 0-25mm / 0-1" | $\pm 3\mu\text{m}$ |
| EM-9002 | 25-50mm / 1"-2" | $\pm 3\mu\text{m}$ |
| EM-9003 | 50-75mm/ 2"-3" | $\pm 4\mu\text{m}$ |
| EM-9004 | 75-100mm / 3"-4" | $\pm 4\mu\text{m}$ |

- Above 25mm models include one setting standard bar
- All models include warranty card, manual, and JCC calibration certificate

Digital Outside Micrometer (IP65)



Chrome laser engraved graduation sleeve

per revolution 0.5mm

Large, high contrast LCD display, resolution 0.001mm/ 0.00005"

Spindle lock

German patented ergonomic design thimble with automatic pressure force

German technic unibody precision screw and Φ 6.5mm spindle

Chrome laser engraved graduation thimble

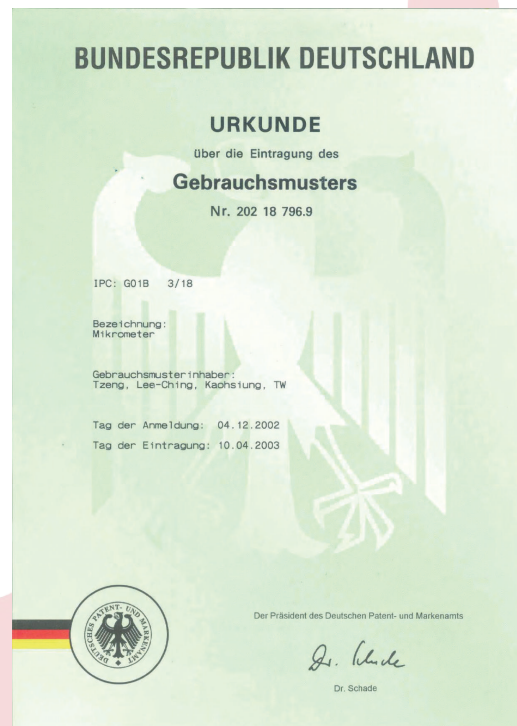
Tungsten carbide anvil

Function button
ON/OFF : power on/off
in/mm : imperial and metric conversion
ZERO : setting zero at any positions

Painted cast iron frame

Heat insulating plastic frame cover

IP65 dust/water protection



| Model No. | Measuring Range | Accuracy |
|-----------|------------------|--------------------|
| EM-9001SF | 0-25mm / 0-1" | $\pm 3\mu\text{m}$ |
| EM-9002SF | 25-50mm / 1"-2" | $\pm 3\mu\text{m}$ |
| EM-9003SF | 50-75mm / 2"-3" | $\pm 4\mu\text{m}$ |
| EM-9004SF | 75-100mm / 3"-4" | $\pm 4\mu\text{m}$ |

Optional accessories:

Data output cable(DO-B+C01) · Bluetooth wireless data transmitter(DO-W2-RS1)

- Above 25mm models include one setting standard bar
- All models include warranty card, manual, and JCC calibration certificate

Digital Outside Micrometer (IP65 Fast)



per revolution 2mm

Chrome laser engraved graduation sleeve

IP65 water/dust protection

Spindle lock

German technic unibody precision screw and Φ 6.5mm spindle

Tungsten carbide anvil

Thimble and screw lock device

German patented ergonomic design thimble with automatic pressure force

Function button
 ON/OFF : power on/off
 SET : setting zero at any positions
 ABS/INC : ABS/INC value conversion
 UNIT : imperial and metric conversion

Painted cast iron frame

Large, high contrast LCD display, resolution 0.001mm/ 0.00005"

Heat insulating plastic frame cover

BUNDESREPUBLIK DEUTSCHLAND

URKUNDE
 über die Eintragung des
Gebrauchsmusters
 Nr. 202 18 796.9

IPC: G01B 3/18

Bezeichnung:
Mikrometer

Gebrauchsmusterinhaber:
Tzeng, Lee-Ching, Kachung, TW

Tag der Anmeldung: 04.12.2002

Tag der Eintragung: 10.04.2003



Der Präsident des Deutschen Patent- und Markenamts

Dr. Schade

| Model No. | Measuring Range | Accuracy |
|-----------|------------------|--------------------|
| EM-9001WF | 0-25mm / 0-1" | $\pm 3\mu\text{m}$ |
| EM-9002WF | 25-50mm / 1"-2" | $\pm 3\mu\text{m}$ |
| EM-9003WF | 50-75mm / 2"-3" | $\pm 4\mu\text{m}$ |
| EM-9004WF | 75-100mm / 3"-4" | $\pm 4\mu\text{m}$ |

- Above 25mm models include one setting standard bar
- All models include warranty card, manual, and JCC calibration certificate

Digital Outside Micrometer (IP65 Second)



Function buttons
 ⏻ : power on/off
 ABS/0 : ABS/INC value conversion setting zero at any positions
 in/mm : imperial and metric conversion
 ORIGIN: absolute zero



| Model No. | Measuring Range | Accuracy |
|-----------|------------------|----------|
| EM-9001S | 0-25mm / 0-1" | ±3um |
| EM-9002S | 25-50mm / 1"-2" | ±3um |
| EM-9003S | 50-75mm/ 2"-3" | ±4um |
| EM-9004S | 75-100mm / 3"-4" | ±4um |

Optional accessories:

Data output cable(DO-B+C04) · Bluetooth wireless data transmitter(DO-W2-RS1)

- Above 25mm models include one setting standard bar
- All models include warranty card, manual, and JCC calibration certificate

Digital Outside Micrometer (IP65 Second)



| Model No. | Measuring Range | Accuracy | Model No. | Product |
|-----------|------------------|----------|------------------|-----------------|
| EM-9001SA | 0-25mm / 0-1" | ±3um | EM-12A EM-34A | Universal stand |
| EM-9002SA | 25-50mm / 1"-2" | ±3um | | |
| EM-9003SA | 50-75mm / 2"-3" | ±4um | | |
| EM-9004SA | 75-100mm / 3"-4" | ±4um | | |



- Model SA include micrometer and universal clamp stand
- Above 25mm models include one setting standard bar
- All models include warranty card, manual, and JCC calibration certificate

Digital Outside Micrometer (Special anvil types general features)



Button Functions

ON/OFF : Switch On and Off

SET : Setting zero at any positions

ABS/INC : Absolute and Increment value conversion

UNIT : Imperial and Metric conversion

↻ : Data output

RS232 Interface output

IP54 Water/dust protection

1.5V LR44 battery

- Above 25mm models include one setting standard bar
- All models include warranty card, manual, and JCC calibration certificate