

# METROLOGY®

*Outside Micrometer*



*Standard*

*Micron*



*Micro Parallax Free*

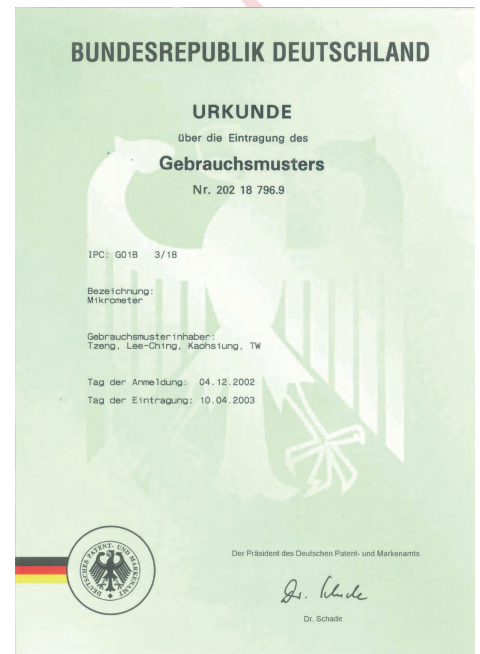
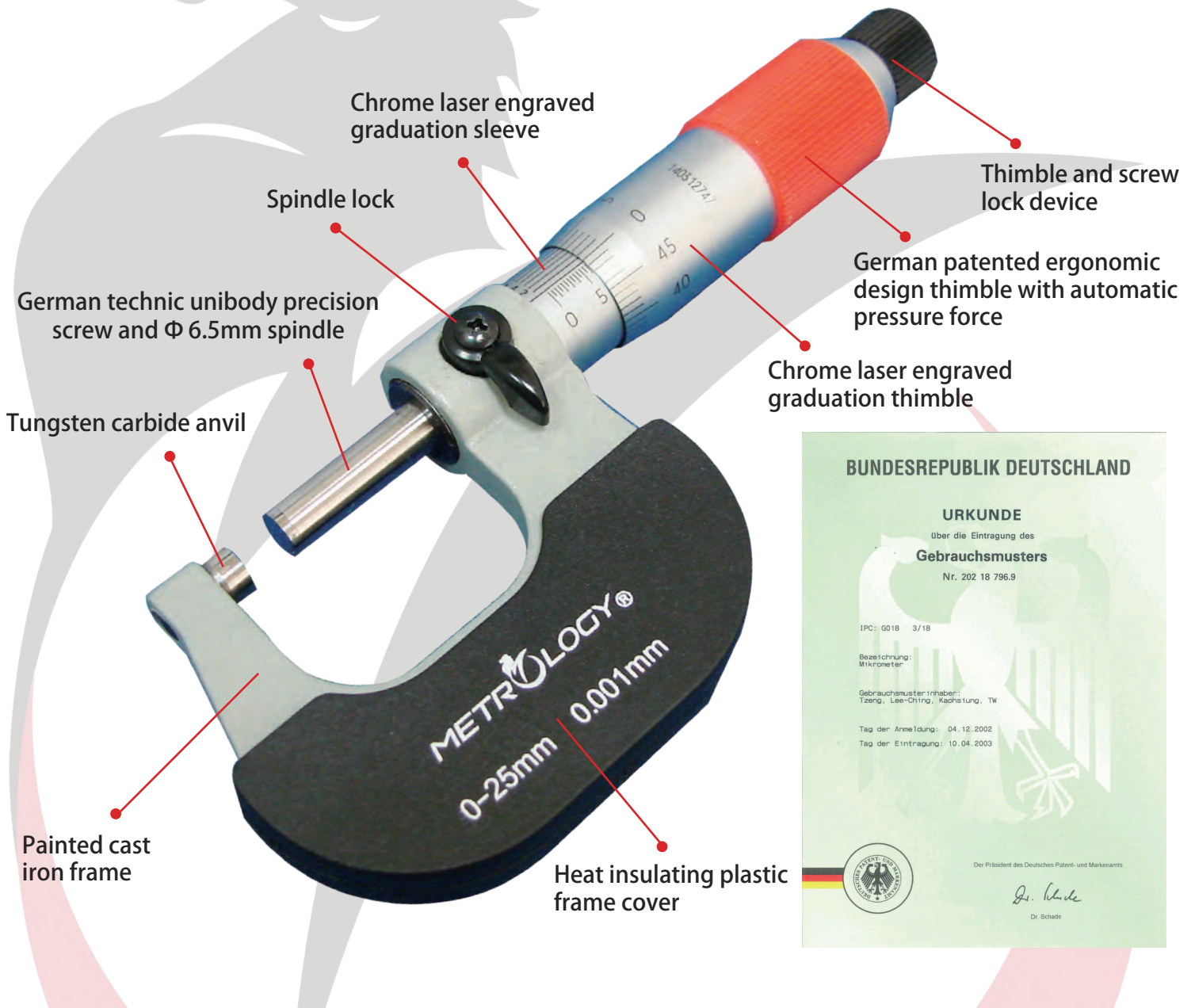


*Mechanical Digits*

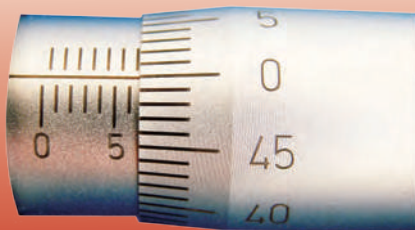


*Standard*

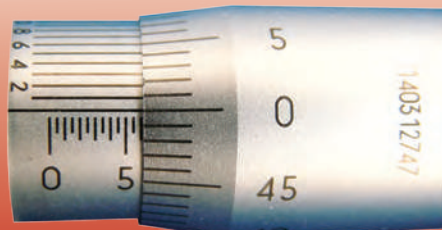
# Vernier Outside Micrometer (General Features)



## Scale Graduation



$$\begin{array}{r} 6 \\ 0.5 \\ + 0.00 \\ \hline 6.50 \text{ mm} \end{array}$$



$$\begin{array}{r} 6 \\ 0.00 \\ + 0.000 \\ \hline 6.000 \text{ mm} \end{array}$$

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

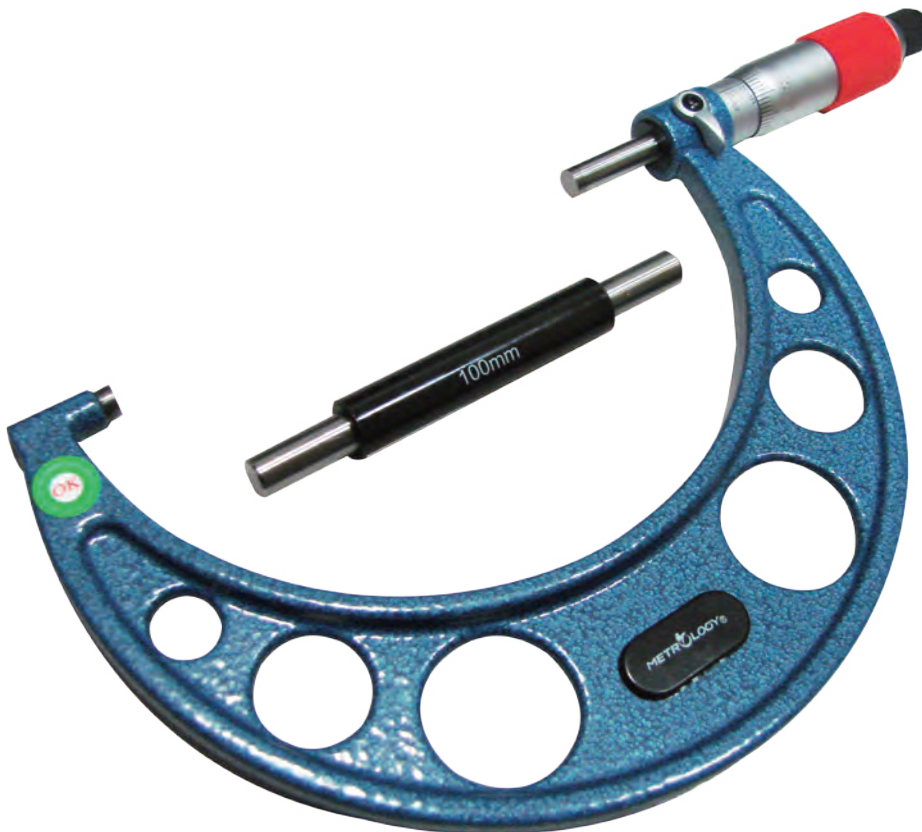
■ **Micrometer Set (Standard)**  
Graduation : 0.01mm



OM-9001

Model No.	Measuring Range	Accuracy
OM-9001	0-25mm	4um
OM-9002	25-50mm	4um
OM-9003	50-75mm	5um
OM-9004	75-100mm	5um
OM-9005	100-125mm	6um
OM-9006	125-150mm	6um
OM-9007	150-175mm	7um
OM-9008	175-200mm	7um
OM-9009	200-225mm	8um
OM-9010	225-250mm	8um
OM-9011	250-275mm	9um
OM-9012	275-300mm	9um

Model No.	Measuring Range	Remark
OM-9013	0-75mm	3pcs/set
OM-9014	0-100mm	4pcs/set
OM-9015	0-150mm	6pcs/set
OM-9016	150-300mm	6pcs/set
OM-9017	0-300mm	12pcs/set



OM-9005



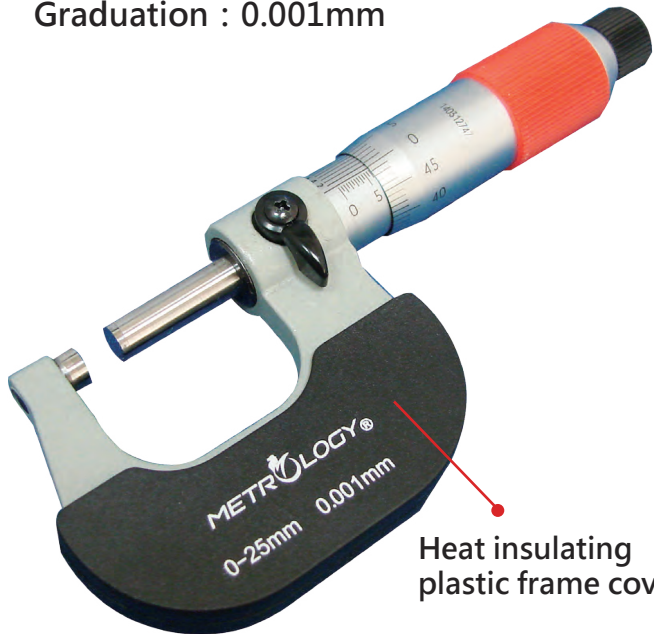
OM-9014



OM-9015

■ Outside Micrometer (Micron)

Graduation : 0.001mm



Heat insulating plastic frame cover



Cast steel Lightweight & Convenient

Model No.	Measuring Range	Accuracy
OM-9018H	0-25mm	4um
OM-9019H	25-50mm	4um
OM-9020H	50-75mm	5um
OM-9021H	75-100mm	5um

Model No.	Measuring Range	Accuracy
OM-9022H	0-25mm	4um
OM-9023H	25-50mm	4um
OM-9024H	50-75mm	5um
OM-9025H	75-100mm	5um

■ Outside Micrometer (100 Step Graduation)

Graduation : 0.01mm



1mm per revolution

- $\Phi$ 30mm diameter thimble with 100 step graduation for convenience and accuracy
- Each rotation is 1mm, None 0.5 mm vision error reading
- $\Phi$ 8mm measuring spindle and tungsten carbide anvil

Model No.	Measuring Range	Accuracy
OM-9026	0-25mm	4um
OM-9027	25-50mm	4um
OM-9028	50-75mm	5um
OM-9029	75-100mm	5um

■ **Outside Micrometer (Micro Parallax Free)**

Coplanar thimble laser engraved graduation sleeve, no visual error reading design.



Model No.	Measuring Range	Accuracy
OM-9034H	0-25mm	3um
OM-9035H	25-50mm	3um
OM-9036H	50-75mm	4um
OM-9037H	75-100mm	4um
OM-9038H	100-125mm	5um
OM-9039H	125-150mm	5um
OM-9040H	150-175mm	6um
OM-9041H	175-200mm	6um

Graduation : 0.001mm

■ **Outside Micrometer (Mechanical Digits)**

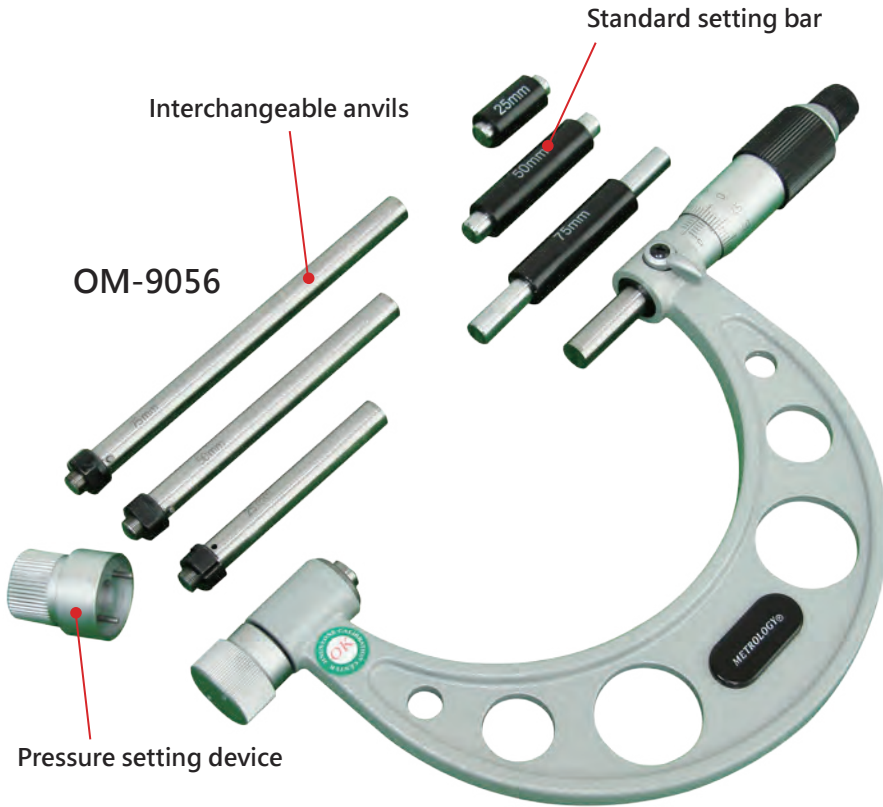
Digital design of mechanical stopwatch, easy to read, fast and accurate.



Model No.	Measuring Range	Accuracy
OM-9042	0-25mm	4um
OM-9043	25-50mm	4um
OM-9044	50-75mm	5um
OM-9045	75-100mm	5um
OM-9046	100-125mm	6um
OM-9047	125-150mm	6um
OM-9048	150-175mm	7um
OM-9049	175-200mm	7um
OM-9050	200-225mm	8um
OM-9051	225-250mm	8um
OM-9052	250-275mm	9um
OM-9053	275-300mm	9um

Graduation : 0.01mm

■ Outside Micrometer (Interchangeable Anvil)



Model No.	Measuring Range	Accuracy
OM-9054	0-150mm	5um
OM-9055	150-300mm	8um
OM-9056	0-100mm	4um
OM-9057	100-200mm	6um
OM-9058	200-300mm	8um
OM-9059	300-400mm	10um
OM-9060	400-500mm	12um
OM-9061	500-600mm	13um
OM-9062	600-700mm	14um
OM-9063	700-800mm	16um
OM-9064	800-900mm	18um
OM-9065	900-1000mm	19um
OM-9066	1000-1200mm	20um
OM-9067	1200-1400mm	22um
OM-9068	1400-1600mm	24um
OM-9069	1600-1800mm	27um
OM-9070	1800-2000mm	30um

Graduation : 0.01mm

- Measuring range 300mm or under come with painted cast iron frames

■ Digital



Model No.	Measuring Range	Accuracy
EM-9054	0-150mm	±5um
EM-9055	150-300mm	±7um
EM-9056	0-100mm	±4um
EM-9057	100-200mm	±6um
EM-9058	200-300mm	±7um
EM-9059	300-400mm	±8um
EM-9060	400-500mm	±9um
EM-9061	500-600mm	±10um
EM-9062	600-700mm	±11um
EM-9063	700-800mm	±13um
EM-9064	800-900mm	±15um
EM-9065	900-1000mm	±17um

Resolution : 0.001mm/ 0.00005"  
IP54 water/dust protection

■ Outside Micrometer (Interchangeable Anvil)



- Measuring range 300mm or over come with painted steel tube frame with insulating grips

