

Measuring Tools



OUTSIDE MICROMETERS

-Ratchet Stop



Features:

- Deluxe heat insulated forged steel frame up to 6".
- Tubular steel frame (6" and up).
- Complete with standards (2" and up).
- Carbide tipped.
- Ratchet stop and lock nut for exact and repetitive reading.
- Packed in wooden case.

Metric

| Range | Grad. | Painted Frame | Chromed Frame |
|-----------|---------|---------------|---------------|
| | | Model No. | Model No. |
| 0-25mm | 0.001mm | 600-5025 | 601-5025 |
| 25-50mm | 0.001mm | 600-5050 | 601-5050 |
| 50-75mm | 0.001mm | 600-5075 | 601-5075 |
| 75-100mm | 0.001mm | 600-5100 | 601-5100 |
| 0-13mm | 0.01mm | | 601-A013 |
| 0-25mm | 0.01mm | 600-4025 | 601-4025 |
| 25-50mm | 0.01mm | 600-4050 | 601-4050 |
| 50-75mm | 0.01mm | 600-4075 | 601-4075 |
| 75-100mm | 0.01mm | 600-4100 | 601-4100 |
| 100-125mm | 0.01mm | 600-4125 | 601-4125 |
| 125-150mm | 0.01mm | 600-4150 | 601-4150 |
| 150-175mm | 0.01mm | 600-4175 | 601-4175 |
| 175-200mm | 0.01mm | 600-4200 | 601-4200 |

Inch

| Range | Painted Frame | | Chromed Frame Plated | |
|--------|---------------|-----------|----------------------|-----------|
| | 0.0001" | 0.00005" | 0.0001" | 0.00005" |
| | Model No. | Model No. | Model No. | Model No. |
| 0-1/2" | | | | |
| 0-1" | 600-0111 | 600-0051 | 601-0111 | 601-0051 |
| 1-2" | 600-0112 | 600-0052 | 601-0112 | 601-0052 |
| 2-3" | 600-0113 | 600-0053 | 601-0113 | 601-0053 |
| 3-4" | 600-0114 | 600-0054 | 601-0114 | 601-0054 |
| 4-5" | 600-0125 | | 601-0115 | |
| 5-6" | 600-0126 | | 601-0116 | |
| 6-7" | 600-0127 | | 601-0117 | |
| 7-8" | 600-0128 | | 601-0118 | |
| 8-9" | 600-0119 | | | |
| 9-10" | 600-0210 | | | |
| 10-11" | 600-0211 | | | |
| 11-12" | 600-0212 | | | |

OUTSIDE MICROMETER SETS

-Ratchet Stop



Features:

- Ratchet and lock nut.
- Complete with standards (2" and up).
- Carbide tipped.
- Fitted wooden case.
- Forged steel frame up to 6".
- Tubular steel frame (6" and up).

Metric

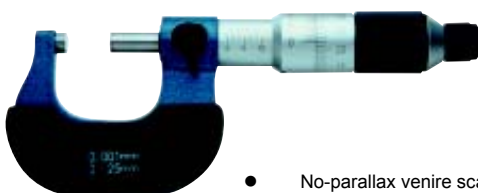
| Range | Grad. | Description | Painted Frame | Chromed Frame |
|-----------|--------|-------------|---------------|---------------|
| | | | Model No. | Model No. |
| 0-75mm | 0.01mm | 3pcs/set | 600-1023 | 601-1023 |
| 0-100mm | 0.01mm | 4pcs/set | 600-1024 | 601-1024 |
| 0-150mm | 0.01mm | 6pcs/set | 600-1026 | 601-1026 |
| 0-200mm | 0.01mm | 8pcs/set | 600-1028 | 601-1028 |
| 0-300mm | 0.01mm | 12pcs/set | 600-1212 | |
| 100-200mm | 0.01mm | 4pcs/set | 600-1126 | |
| 150-300mm | 0.01mm | 6pcs/set | 600-1029 | |
| 200-300mm | 0.01mm | 4pcs/set | 600-1129 | |

Inch

| Range | Description | Painted Frame | Chromed Frame |
|-------|-------------|---------------|---------------|
| | | 0.0001" | 0.0001" |
| | | Model No. | Model No. |
| 0-3" | 3pcs/set | 600-1013 | 601-1013 |
| 0-4" | 4pcs/set | 600-1014 | 601-1014 |
| 0-6" | 6pcs/set | 600-1016 | 601-1016 |
| 0-8" | 8pcs/set | 600-1018 | 601-1018 |
| 6-12" | 6pcs/set | 600-1019 | |
| 0-12" | 12pcs/set | 600-1122 | |

PARALLAX FREE OUTSIDE MICROMETERS

-Ratchet friction thimble.



- No-parallax venire scale.

Metric

| Range | Grad. | Painted | Chrome-Plated |
|-----------|---------|-----------|---------------|
| | | Model No. | Model No. |
| 0-25mm | 0.001mm | 600-9130 | 601-9130 |
| 25-50mm | 0.001mm | 600-9131 | 601-9131 |
| 50-75mm | 0.001mm | 600-9132 | 601-9132 |
| 75-100mm | 0.001mm | 600-9133 | 601-9133 |
| 100-125mm | 0.001mm | 600-9134 | 601-9134 |
| 125-150mm | 0.001mm | 600-9135 | 601-9135 |
| 150-175mm | 0.001mm | 600-9136 | 601-9136 |
| 175-200mm | 0.001mm | 600-9137 | 601-9137 |

Inch

| Range | Painted | Chrome-Plated | Chrome-Plated |
|-------|-----------|---------------|---------------|
| | 0.0001" | 0.0001" | 0.00005" |
| | Model No. | Model No. | Model No. |
| 0-1" | 600-9141 | 601-9141 | 601-9101 |
| 1-2" | 600-9142 | 601-9142 | 601-9112 |
| 2-3" | 600-9143 | 601-9143 | 601-9123 |
| 3-4" | 600-9144 | 601-9144 | |
| 4-5" | 600-9145 | 601-9145 | |
| 5-6" | 600-9146 | 601-9146 | |
| 6-7" | 600-9147 | 601-9147 | |
| 7-8" | 600-9148 | 601-9148 | |



Measuring Tools

OUTSIDE MICROMETERS

-Ratchet Friction Thimble



Features:

- Deluxe heat insulated forged steel frame up to 6".
- Tubular steel frame (6" and up).
- Complete with standards (2" and up).
- Carbide tipped.
- The new slim thimble design is comfortable to hold.
- Small size for one hand use.

Metric

| Range | Grad. | Painted Frame | Chromed Frame |
|-----------|---------|---------------|---------------|
| | | Model No. | Model No. |
| 0-25mm | 0.001mm | 6V0-5025 | 6V1-5025 |
| 25-50mm | 0.001mm | 6V0-5050 | 6V1-5050 |
| 50-75mm | 0.001mm | 6V0-5075 | 6V1-5075 |
| 75-100mm | 0.001mm | 6V0-5100 | 6V1-5100 |
| 0-25mm | 0.01mm | 6V0-4025 | 6V1-4025 |
| 25-50mm | 0.01mm | 6V0-4050 | 6V1-4050 |
| 50-75mm | 0.01mm | 6V0-4075 | 6V1-4075 |
| 75-100mm | 0.01mm | 6V0-4100 | 6V1-4100 |
| 100-125mm | 0.01mm | 6V0-4125 | 6V1-4125 |
| 125-150mm | 0.01mm | 6V0-4150 | 6V1-4150 |
| 150-175mm | 0.01mm | 6V0-4175 | 6V1-4175 |
| 175-200mm | 0.01mm | 6V0-4200 | 6V1-4200 |

Inch

| Range | Painted Frame | | Chromed Frame | |
|-------|-------------------|--------------------|-------------------|--------------------|
| | 0.0001" Model No. | 0.00005" Model No. | 0.0001" Model No. | 0.00005" Model No. |
| 0-1" | 6V0-0111 | 6V0-0051 | 6V1-0111 | 6V1-0051 |
| 1-2" | 6V0-0112 | 6V0-0052 | 6V1-0112 | 6V1-0052 |
| 2-3" | 6V0-0113 | 6V0-0053 | 6V1-0113 | 6V1-0053 |
| 3-4" | 6V0-0114 | 6V0-0054 | 6V1-0114 | 6V1-0054 |
| 4-5" | 6V0-0115 | | 6V1-0115 | |
| 5-6" | 6V0-0116 | | 6V1-0116 | |
| 6-7" | 6V0-0117 | | 6V1-0117 | |
| 7-8" | 6V0-0118 | | 6V1-0118 | |

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OUTSIDE MICROMETER SETS

-Ratchet Friction Thimble

Features:

- Ratchet and lock nut.
- Carbide faces.
- Complete with standards (2" and up)
- Fitted wood case.



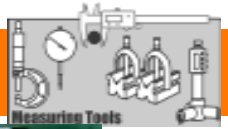
Metric

| Range | Grad. | Description | Painted Frame | Chromed Frame |
|-----------|--------|-------------|---------------|---------------|
| | | | Model No. | Model No. |
| 0-75mm | 0.01mm | 3pcs/set | 6V0-1023 | 6V1-1023 |
| 0-100mm | 0.01mm | 4pcs/set | 6V0-1024 | 6V1-1024 |
| 0-150mm | 0.01mm | 6pcs/set | 6V0-1026 | 6V1-1026 |
| 0-200mm | 0.01mm | 8pcs/set | 6V0-1028 | 6V1-1028 |
| 150-300mm | 0.01mm | 6pcs/set | 6V0-1029 | |
| 0-300mm | 0.01mm | 12pcs/set | 6V0-1212 | |

Inch

| Range | Grad. | Description | Painted Frame | Chromed Frame |
|-------|--------|-------------|---------------|---------------|
| | | | Model No. | Model No. |
| 0-3" | 0.001" | 3pcs/set | 6V0-1013 | 6V1-1013 |
| 0-4" | 0.001" | 4pcs/set | 6V0-1014 | 6V1-1014 |
| 0-6" | 0.001" | 6pcs/set | 6V0-1016 | 6V1-1016 |
| 0-8" | 0.001" | 8pcs/set | 6V0-1018 | 6V1-1018 |
| 6-12" | 0.001" | 6pcs/set | 6V0-1019 | |
| 0-12" | 0.001" | 12pcs/set | 6V0-1122 | |

Measuring Tools



C-TYPE OUTSIDE MICROMETERS



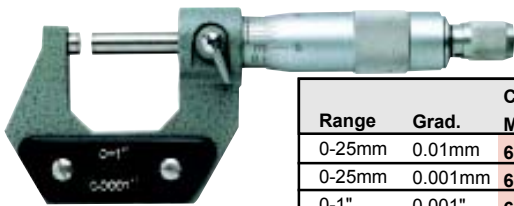
| Metric | | | Inch | | |
|-----------|--------------|--------------------------|--------|--------------|--------------------------|
| Range | 0.01mm | | Range | 0.0001" | |
| | Ratchet Stop | Ratchet Fraction Thimble | | Ratchet Stop | Ratchet Fraction Thimble |
| 0-25mm | 600-C025 | 601-C025 | 0-1" | 600-C011 | 601-C011 |
| 25-50mm | 600-C050 | 601-C050 | 1-2" | 600-C012 | 601-C012 |
| 50-75mm | 600-C075 | 601-C075 | 2-3" | 600-C013 | 601-C013 |
| 75-100mm | 600-C100 | 601-C100 | 3-4" | 600-C014 | 601-C014 |
| 100-125mm | 600-C125 | 601-C125 | 4-5" | 600-C015 | 601-C015 |
| 125-150mm | 600-C150 | 601-C150 | 5-6" | 600-C016 | 601-C016 |
| 150-175mm | 600-C175 | 601-C175 | 6-7" | 600-C017 | 601-C017 |
| 175-200mm | 600-C200 | 601-C200 | 7-8" | 600-C018 | 601-C018 |
| 200-225mm | 600-C225 | 601-C225 | 8-9" | 600-C019 | 601-C019 |
| 225-250mm | 600-C250 | 601-C250 | 9-10" | 600-C020 | 601-C020 |
| 250-275mm | 600-C275 | 601-C275 | 10-11" | 600-C021 | 601-C021 |
| 275-300mm | 600-C300 | 601-C300 | 11-12" | 600-C022 | 601-C022 |



Sets Complete with standards (2" and up).

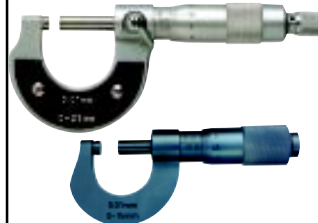
| Range | Graduation | Description | Ratchet Stop Model No. | Ratchet Fraction Thimble Model No. |
|-----------|------------|-------------|------------------------|------------------------------------|
| 0-75mm | 0.01mm | 3pcs/set | 600-C303 | 601-C303 |
| 0-100mm | 0.01mm | 4pcs/set | 600-C304 | 601-C304 |
| 0-150mm | 0.01mm | 6pcs/set | 600-C306 | 601-C306 |
| 150-300mm | 0.01mm | 6pcs/set | 600-C308 | 601-C308 |
| 0-300mm | 0.01mm | 12pcs/set | 600-C312 | 601-C312 |
| 0-3" | 0.0001" | 3pcs/set | 600-C403 | 601-C403 |
| 0-4" | 0.0001" | 4pcs/set | 600-C404 | 601-C404 |
| 0-6" | 0.0001" | 6pcs/set | 600-C406 | 601-C406 |
| 6-12" | 0.0001" | 6pcs/set | 600-C408 | 601-C408 |
| 0-12" | 0.0001" | 12pcs/set | 600-C412 | 601-C412 |

B-TYPE OUTSIDE MICROMETERS



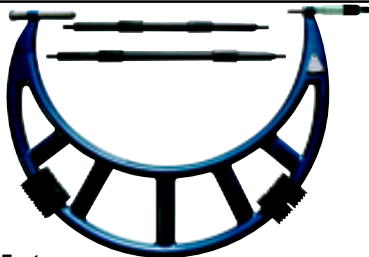
| Range | Grad. | Chrom-Plated Model No. |
|--------|----------|------------------------|
| 0-25mm | 0.01mm | 601-B025 |
| 0-25mm | 0.001mm | 601-B026 |
| 0-1" | 0.001" | 601-B001 |
| 0-1" | 0.00005" | 601-B005 |
| 0-1" | 0.0001" | 601-B011 |

A-TYPE OUTSIDE MICROMETERS



| Range | Grad. | Chrom-Plated Model No. |
|--------|--------|------------------------|
| 0-15mm | 0.01mm | 601-A013 |
| 0-25mm | 0.01mm | 601-A025 |
| 0-0.6" | 0.001" | 601-1001 |
| 0-1" | 0.001" | 601-A001 |

OUTSIDE MICROMETERS with Extension Anvil Collars



Features:

- Ratchet and lock nut.
- Extension collars: 25mm/1", 50mm/2" (within 1000mm/40")
50mm/2", 100mm/4" (over 1000mm/40")
- Carbide tipped.
- Pipe combined frame for light weight and high rigid.
- Resolution: 0.01mm, 0.0001" inch.
- Counter readout: 0.01mm, 0.001" inch

| Inch | | |
|----------|--------|-----------|
| Range | Grad. | Model No. |
| 12-16" | 0.001" | 600-9901 |
| 16-20" | 0.001" | 600-9902 |
| 20-24" | 0.001" | 600-9903 |
| 24-28" | 0.001" | 600-9904 |
| 28-32" | 0.001" | 600-9905 |
| 32-36" | 0.001" | 600-9906 |
| 36-40" | 0.001" | 600-9907 |
| 40-48" | 0.001" | 600-9308 |
| 48-56" | 0.001" | 600-9309 |
| 56-64" | 0.001" | 600-9310 |
| 64-72" | 0.001" | 600-9311 |
| 72-80" | 0.001" | 600-9312 |
| 80-88" | 0.001" | 600-9313 |
| 88-96" | 0.001" | 600-9314 |
| 96-104" | 0.001" | 600-9315 |
| 104-112" | 0.001" | 600-9316 |
| 112-120" | 0.001" | 600-9317 |

| Metric | | |
|-------------|--------|-----------|
| Range | Grad. | Model No. |
| 300-400mm | 0.01mm | 600-9801 |
| 400-500mm | 0.01mm | 600-9802 |
| 500-600mm | 0.01mm | 600-9803 |
| 600-700mm | 0.01mm | 600-9804 |
| 700-800mm | 0.01mm | 600-9805 |
| 800-900mm | 0.01mm | 600-9806 |
| 900-1000mm | 0.01mm | 600-9807 |
| 1000-1200mm | 0.01mm | 600-9808 |
| 1200-1400mm | 0.01mm | 600-9809 |
| 1400-1600mm | 0.01mm | 600-9810 |
| 1600-1800mm | 0.01mm | 600-9811 |
| 1800-2000mm | 0.01mm | 600-9812 |
| 2000-2200mm | 0.01mm | 600-9813 |
| 2200-2400mm | 0.01mm | 600-9814 |
| 2400-2600mm | 0.01mm | 600-9815 |
| 2600-2800mm | 0.01mm | 600-9816 |
| 2800-3000mm | 0.01mm | 600-9817 |

INDICATOR MICROMETERS



- Carbide faces.
- Chrome-plated frame.
- Premium quality.
- Can be used as a Go/ No Go gage.

| Range | Graduation | Model No. |
|---------------|------------|-----------|
| Inch | | |
| 0-1" | 0.00005" | 600-0501 |
| 1-2" | 0.00005" | 600-0502 |
| Metric | | |
| 0-25mm | 0.001mm | 600-0511 |
| 25-50mm | 0.001mm | 600-0512 |

INDICATING SNAP MICROMETER

- Retractable anvil with an indicator for precision measurement of mass-produced parts.
- Carbide measuring faces.
- Accuracy: Micrometer: 0.003mm
Indicator: 0.001mm

| Range | Resolution of micrometer head | Indicator range | Indicator resolution | Model No. |
|----------|-------------------------------|-----------------|----------------------|-----------|
| 0-25mm | 0.002mm | ±0.04mm | 0.001mm | 600-0521 |
| 25-50mm | 0.002mm | ±0.04mm | 0.001mm | 600-0522 |
| 50-75mm | 0.002mm | ±0.04mm | 0.001mm | 600-0523 |
| 75-100mm | 0.002mm | ±0.04mm | 0.001mm | 600-0524 |





Measuring Tools

DIGITAL COUNTER OUTSIDE MICROMETERS



- Resolution: 0.01mm or 0.0001".
- Counter readout: 0.01mm or 0.001".
- Ratchet stop(friction thimble or ratchet friction thimble available).
- Carbide measuring face.
- Positive locking unit.
- Clear graduations on satin chrome finished thimble.
- Spanner wrench furnished with each micrometer.

| Inch | |
|--------|-----------|
| Range | Model No. |
| 0-1" | 600-3001 |
| 1-2" | 600-3002 |
| 2-3" | 600-3003 |
| 3-4" | 600-3004 |
| 4-5" | 600-3005 |
| 5-6" | 600-3006 |
| 6-7" | 600-3007 |
| 7-8" | 600-3008 |
| 8-9" | 600-3009 |
| 9-10" | 600-3010 |
| 10-11" | 600-3011 |
| 11-12" | 600-3012 |

| Metric | |
|-----------|-----------|
| Range | Model No. |
| 0-25mm | 600-3025 |
| 25-50mm | 600-3050 |
| 50-75mm | 600-3075 |
| 75-100mm | 600-3100 |
| 100-125mm | 600-3125 |
| 125-150mm | 600-3150 |
| 150-175mm | 600-3175 |
| 175-200mm | 600-3200 |
| 200-225mm | 600-3225 |
| 225-250mm | 600-3250 |
| 250-275mm | 600-3270 |
| 275-300mm | 600-3272 |

μ-DIGIT COUNTER OUTSIDE MICROMETER

- High resolution mechanical digit counter for quick and error-free reading.
- Carbide measuring faces.
- Friction thimble(ratchet friction thimble)



| Metric | | | |
|-----------|------------|-------------------------|-------------------------|
| Range | Graduation | Painted Frame Model No. | Chromed Frame Model No. |
| 0-25mm | 0.001mm | 603-3025 | 603-4025 |
| 25-50mm | 0.001mm | 603-3050 | 603-4050 |
| 50-75mm | 0.001mm | 603-3075 | 603-4075 |
| 75-100mm | 0.001mm | 603-3100 | 603-4100 |
| 100-125mm | 0.001mm | 603-3125 | 603-4125 |
| 125-150mm | 0.001mm | 603-3150 | 603-4150 |
| 150-175mm | 0.001mm | 603-3175 | 603-4175 |
| 175-200mm | 0.001mm | 603-3200 | 603-4200 |

| Inch | | | |
|-------|------------|-------------------------|-------------------------|
| Range | Graduation | Painted Frame Model No. | Chromed Frame Model No. |
| 0-1" | 0.0001" | 603-3011 | 603-4011 |
| 1-2" | 0.0001" | 603-3012 | 603-4012 |
| 2-3" | 0.0001" | 603-3013 | 603-4013 |
| 3-4" | 0.0001" | 603-3014 | 603-4014 |
| 4-5" | 0.0001" | 603-3015 | 603-4015 |
| 5-6" | 0.0001" | 603-3016 | 603-4016 |
| 6-7" | 0.0001" | 603-3017 | 603-4017 |
| 7-8" | 0.0001" | 603-3018 | 603-4018 |

μ-DIGIT COUNTER OUTSIDE MICROMETER SET

- Friction thimble(ratchet friction thimble)
- Painted plated frame or chrome-plated frame
- Friction thimble(ratchet friction thimble)



| Metric | | | | |
|---------|------------|----------|-------------------------|-------------------------|
| Range | Graduation | Pieces | Painted Frame Model No. | Chromed Frame Model No. |
| 0-75mm | 0.001mm | 3pcs/set | 603-3303 | 603-4303 |
| 0-100mm | 0.001mm | 4pcs/set | 603-3304 | 603-4304 |
| 0-150mm | 0.001mm | 6pcs/set | 603-3306 | 603-4306 |
| 0-200mm | 0.001mm | 8pcs/set | 603-3308 | 603-4308 |

| Inch | | | | |
|-------|------------|----------|-------------------------|-------------------------|
| Range | Graduation | Pieces | Painted Frame Model No. | Chromed Frame Model No. |
| 0-3" | 0.0001" | 3pcs/set | 603-3213 | 603-4213 |
| 0-4" | 0.0001" | 4pcs/set | 603-3214 | 603-4214 |
| 0-6" | 0.0001" | 6pcs/set | 603-3216 | 603-4216 |
| 0-8" | 0.0001" | 8pcs/set | 603-3218 | 603-4218 |

DIGITAL COUNTER OUTSIDE MICROMETER SETS



| Inch | | |
|-------|-----------|------------------|
| Range | Desc. | 0.001" Model No. |
| 0-3" | 3-pc set | 600-3203 |
| 0-4" | 4-pc set | 600-3204 |
| 0-6" | 6-pc set | 600-3206 |
| 6-12" | 6-pc set | 600-3207 |
| 0-12" | 12-pc set | 600-3208 |

| Metric | | |
|-----------|-----------|------------------|
| Range | Desc. | 0.01mm Model No. |
| 0-75mm | 3-pc set | 600-3275 |
| 0-100mm | 4-pc set | 600-3300 |
| 0-150mm | 6-pc set | 600-3350 |
| 150-300mm | 6-pc set | 600-3355 |
| 0-300mm | 12-pc set | 600-3360 |



INCH & METRIC DIGITAL OUTSIDE MICROMETERS

- Metric and Inch Graduation.

| Range | Graduation | Model No. |
|-------------|---------------|-----------|
| 0-25mm/0-1" | 0.01mm/0.001" | 600-3061 |



INTERCHANGEABLE ANVIL OUTSIDE MICROMETERS

Basic Model

Features:

- Ratchet stop and lock nut.
- High accuracy interchangeable anvils.
- Carbide measuring faces.



Steel-Plate Frame

- Laser engraved graduations.
- Enamel frame.
- With standards in a fitted case.
- Fine cast frame available

Replacement Anvil

| Range | Model No. |
|-------|-----------|
| 1" | 600-0021 |
| 2" | 600-0022 |
| 3" | 600-0023 |
| 4" | 600-0024 |
| 5" | 600-0025 |

| Inch | | |
|-------|--------|-----------|
| Range | Grad. | Model No. |
| 0-2" | 0.001" | 600-9412 |
| 2-4" | 0.001" | 600-9417 |
| 2-6" | 0.001" | 600-9418 |
| 0-4" | 0.001" | 600-9414 |
| 4-8" | 0.001" | 600-9419 |
| 0-6" | 0.001" | 600-9416 |
| 6-12" | 0.001" | 600-9300 |
| 8-12" | 0.001" | 600-9410 |

| Metric | | |
|-----------|--------|-----------|
| Range | Grad. | Model No. |
| 0-50mm | 0.01mm | 600-9403 |
| 50-100mm | 0.01mm | 600-9405 |
| 50-150mm | 0.01mm | 600-9409 |
| 0-150mm | 0.01mm | 600-9406 |
| 150-300mm | 0.01mm | 600-9000 |
| 0-100mm | 0.01mm | 600-9404 |
| 100-200mm | 0.01mm | 600-9407 |
| 200-300mm | 0.01mm | 600-9408 |
| 200-250mm | 0.01mm | 600-9021 |
| 250-300mm | 0.01mm | 600-9022 |

5-Key Digital Electronic Interchangeable Anvil Micrometer



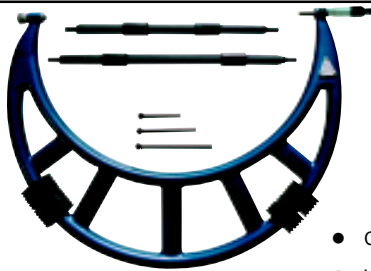
- Painted frame
- Friction thimble(ratchet friction thimble available)
- Resolution: 0.001mm/0.00005"

Steel-Plate Frame

| Range | Model No. |
|-----------------|-----------|
| 0-2"/0-50mm | 600-9421 |
| 2-4"/50-100mm | 600-9424 |
| 0-4"/0-100mm | 600-9422 |
| 4-8"/100-200mm | 600-9425 |
| 0-6"/0-150mm | 600-9423 |
| 6-12"/150-300mm | 600-9426 |
| 8-12"/200-300mm | 600-9427 |

Piped Frame

| Range | Model No. |
|-------------------|-----------|
| 12-16"/300-400mm | 600-9321 |
| 16-20"/400-500mm | 600-9324 |
| 20-24"/500-600mm | 600-9322 |
| 24-28"/600-700mm | 600-9325 |
| 28-32"/700-800mm | 600-9323 |
| 32-36"/800-900mm | 600-9326 |
| 36-40"/900-1000mm | 600-9327 |



Over 12"/300mm Long Range Model Pipe Combined Frame

Features:

- Pipe combined steel frame provides lightness plus extreme rigidity for perfect balance.
- Carbide measuring faces.
- With standards in a fitted case.
- Ratchet stop and lock nut.

| Inch | | |
|--------|--------|-----------|
| Range | Grad. | Model No. |
| 12-16" | 0.001" | 600-9301 |
| 16-20" | 0.001" | 600-9302 |
| 20-24" | 0.001" | 600-9303 |
| 24-28" | 0.001" | 600-9304 |
| 28-32" | 0.001" | 600-9305 |
| 32-36" | 0.001" | 600-9306 |
| 36-40" | 0.001" | 600-9307 |

| Metric | | |
|------------|--------|-----------|
| Range | Grad. | Model No. |
| 300-400mm | 0.01mm | 600-9001 |
| 400-500mm | 0.01mm | 600-9002 |
| 500-600mm | 0.01mm | 600-9003 |
| 600-700mm | 0.01mm | 600-9004 |
| 700-800mm | 0.01mm | 600-9005 |
| 800-900mm | 0.01mm | 600-9006 |
| 900-1000mm | 0.01mm | 600-9007 |

3-Key Digital Electrical Interchange Anvil Micrometer, IP54

- Protection Level IP54. Criterion: DIN40050/IEC529
- Wide measuring range with interchangeable anvils.
- High accuracy interchangeable anvils enable that reading does not have to be reset when changing anvils
- Carbide measuring faces. Pipe combined frame for lightweight and high rigidity(over 300mm/12"orange)
- Resolution: 0.001mm/0.00005"



Fine Cast Frame

| Range | With Metric Micrometer Head Model No. | With Inch Micrometer Head Model No. |
|-----------------|---------------------------------------|-------------------------------------|
| 0-50mm/0-2" | 600-9431 | 600-9441 |
| 0-100mm/0-4" | 600-9432 | 600-9442 |
| 0-150mm/0-6" | 600-9433 | 600-9443 |
| 50-100mm/2-4" | 600-9434 | 600-9444 |
| 100-200mm/4-8" | 600-9435 | 600-9445 |
| 150-300mm/6-12" | 600-9436 | 600-9446 |
| 200-300mm/8-12" | 600-9437 | 600-9447 |

Pipe Frame

| Range | With Metric Micrometer Head Model No. | With Inch Micrometer Head Model No. |
|-------------------|---------------------------------------|-------------------------------------|
| 300-400mm/12-16" | 600-9331 | 600-9341 |
| 400-500mm/16-20" | 600-9332 | 600-9342 |
| 500-600mm/20-24" | 600-9333 | 600-9343 |
| 600-700mm/24-28" | 600-9334 | 600-9344 |
| 700-800mm/28-32" | 600-9335 | 600-9345 |
| 800-900mm/32-36" | 600-9336 | 600-9346 |
| 900-1000mm/36-40" | 600-9337 | 600-9347 |



Measuring Tools



DIGITAL ELECTRONIC OUTSIDE MICROMETER

Basic Model

- Battery powered 1year life.
- Clear, easy to read LCD display.
- Carbide faces.
- Ratchet stop.
- Enamel finish.

| Range | Graduation | Model No. |
|---------------|-------------------|-----------|
| 0-1"/0-25mm | 0.00005"/0.001mm, | 600-8001 |
| 1-2"/25-50mm | 0.00005"/0.001mm, | 600-8002 |
| 2-3"/50-75mm | 0.00005"/0.001mm, | 600-8003 |
| 3-4"/75-100mm | 0.00005"/0.001mm, | 600-8004 |



- Auto power on/off.
- Data hold function.
- Relative and absolute measurement.
- Ratchet stop.
- Tolerance set functions.
- Zero set at any position

7-KEY Model

| Range | Graduation | Model No. |
|---------------|------------------|-----------|
| 0-1"/0-25mm | 0.00005"/0.001mm | 600-8031 |
| 1-2"/25-50mm | 0.00005"/0.001mm | 600-8032 |
| 2-3"/50-75mm | 0.00005"/0.001mm | 600-8033 |
| 3-4"/75-100mm | 0.00005"/0.001mm | 600-8034 |

5 KEY Model



- 5 keys Positive-designed electronic micrometer head.
- Large and clear LCD.
- Absolute and incremental conversion.
- Friction thimble (Ratchet friction thimble available).
- Data hold and Tolerance set.
- SPC output.

| Range | Graduation | Model No. | |
|----------------|------------------|---------------|--------------------|
| | | Chromed Frame | IP54 Painted Frame |
| 0-1"/0-25mm | 0.00005"/0.001mm | 600-8005 | 600-8405 |
| 1-2"/25-50mm | 0.00005"/0.001mm | 600-8006 | 600-8406 |
| 2-3"/50-75mm | 0.00005"/0.001mm | 600-8007 | 600-8407 |
| 3-4"/75-100mm | 0.00005"/0.001mm | 600-8008 | 600-8408 |
| 4-5"/100-125mm | 0.00005"/0.001mm | 600-8015 | 600-8415 |
| 5-6"/125-150mm | 0.00005"/0.001mm | 600-8016 | 600-8416 |
| 6-7"/150-175mm | 0.00005"/0.001mm | 600-8017 | 600-8417 |
| 7-8"/175-200mm | 0.00005"/0.001mm | 600-8018 | 600-8418 |

WATER RESISTANT 2-KEY DIGITAL MICROMETER



- **Water Resistant**
- 0.001mm/0.00005" resolution.
- Automatic switch off.
- Carbide Faces, Friction Thimble, Spindle Lock.
- Large LCD.
- an ergonomic shape.

| Range | Accuracy | IP40 | | IP54 | |
|----------------|----------|---------------|---------------|---------------|---------------|
| | | Chromed Frame | Painted Frame | Chromed Frame | Painted Frame |
| 0-25mm/0-1" | 0.04mm | 600-8101 | 600-8501 | 600-8121 | 600-8521 |
| 25-50mm/1-2" | 0.004mm | 600-8102 | 600-8502 | 600-8122 | 600-8522 |
| 50-75mm/2-3" | 0.005mm | 600-8103 | 600-8503 | 600-8123 | 600-8523 |
| 75-100mm/3-4" | 0.005mm | 600-8104 | 600-8504 | 600-8124 | 600-8524 |
| 100-125mm/4-5" | 0.006mm | 600-8105 | 600-8505 | 600-8125 | 600-8525 |
| 125-150mm/5-6" | 0.006mm | 600-8106 | 600-8506 | 600-8126 | 600-8526 |
| 150-175mm/6-7" | 0.007mm | 600-8107 | 600-8507 | 600-8127 | 600-8527 |
| 175-200mm/7-8" | 0.007mm | 600-8108 | 600-8508 | 600-8128 | 600-8528 |

WATER RESISTANT 3-KEY DIGITAL MICROMETER, IP54

- Protection level IP54
- Display data is origin data of absolute measurement after changing battery
- Carbide measuring faces. Painted frame
- One SR44 battery. Auto power off
- Power consumption $\leq 350\mu A$
- Criterion: DIN863/1, DIN40050/IEC529



| Range | Accuracy | with metric micrometer head | | with inch micrometer head | |
|------------------|----------|-----------------------------|------------------|---------------------------|------------------|
| | | Type A Model No. | Type B Model No. | Type A Model No. | Type B Model No. |
| 0-25mm/0-1" | 0.004mm | 600-8041 | 600-8141 | 600-8061 | 600-8161 |
| 25-50mm/1-2" | 0.004mm | 600-8042 | 600-8142 | 600-8062 | 600-8162 |
| 50-75mm/2-3" | 0.005mm | 600-8043 | 600-8143 | 600-8063 | 600-8163 |
| 75-100mm/3-4" | 0.005mm | 600-8044 | 600-8144 | 600-8064 | 600-8164 |
| 100-125mm/4-5" | 0.006mm | 600-8045 | 600-8145 | 600-8065 | 600-8165 |
| 125-150mm/5-6" | 0.006mm | 600-8046 | 600-8146 | 600-8066 | 600-8166 |
| 150-175mm/6-7" | 0.007mm | 600-8047 | 600-8147 | 600-8067 | 600-8167 |
| 175-200mm/7-8" | 0.007mm | 600-8048 | 600-8148 | 600-8068 | 600-8168 |
| 200-225mm/8-9" | 0.008mm | 600-8049 | 600-8149 | 600-8069 | 600-8169 |
| 225-250mm/9-10" | 0.008mm | 600-8050 | 600-8150 | 600-8070 | 600-8170 |
| 250-275mm/10-11" | 0.009mm | 600-8051 | 600-8151 | 600-8071 | 600-8171 |
| 275-300mm/11-12" | 0.009mm | 600-8052 | 600-8152 | 600-8072 | 600-8172 |

| | Type A | Type B |
|--------------------------------|--|--|
| RS232 output | Yes | No |
| Resolution of digit | 0.001mm /0.00005" | 0.001mm or 0.00005" |
| Resolution of Micrometer heads | Metric: 0.01mm Inch: 0.0001" | |
| Function | Power switch; Origin data of absolute Metric-inch conversion; Clock; Absolute and incremental measurement conversion. RS232 output port. Connecting cable: P1102 | Power switch; Origin data set; Absolute and incremental measurement conversion |