

Traditional External Micrometer 1961 Series

Features

Standard: BS870, DIN 863/1, ISO361

- Tungsten carbide measuring faces
- 6.5mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Tapered bow frame
- Supplied in plastic pocket case
- Adjusting key
- Capacity of 0-25mm / 0-1"
- Pearl chrome plated frame with insulation pads



ACCURACY

Micrometer Range Max Size up to	Measuring Faces		Screw Pitch Accuracy
	Flatness	Parallelism	
25mm	0.001mm	0.003mm	0.003mm
1"	0.00005"	0.0001"	0.0001"

MECHANICAL EXTERNAL MICROMETER

Code No	Range (mm)	Resolution (mm)	Code No	Range (inch)	Resolution (inch)
1961M	0-25	0.01	1961	0-1	0.001
1961MB	0-25	0.002	1961B	0-1	0.0001

Traditional External Micrometer 1965 Series

Features

Standard: BS870, DIN 863/1, ISO361

- Tungsten carbide measuring faces
- 6.5mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Choice of standard or vernier type sleeve
- Tapered bow frame
- Supplied in plastic pocket case
- Adjusting key
- Capacity from 0-25mm / 0-1"
- Blue textured frame finish



ACCURACY

Micrometer Range Max Size up to	Measuring Faces		Screw Pitch Accuracy
	Flatness	Parallelism	
25mm	0.001mm	0.003mm	0.003mm
1"	0.00005"	0.0001"	0.0001"

MECHANICAL EXTERNAL MICROMETER

Code No	Range (mm)	Resolution (mm)	Code No	Range (inch)	Resolution (inch)
1965M	0-25	0.01	1965	0-1	0.001
1965MB	0-25	0.002	1965B	0-1	0.0001



Moore & Wright Traditional External Micrometers, 966 Series

Complies with: BS870, DIN 863/1, ISO361

966 Series Features:

- Tungsten carbide measuring faces
- Blue textured frame finish
- 'Speeder' type ratchet
- Locking lever
- Adjusting key
- Supplied in case
- Choice of standard or vernier type sleeve
- Spindle diameter 6.5mm

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ACCURACY

Micrometer Range Max Size up to	Measuring Faces		Screw Pitch
	Flatness	Parallelism	Accuracy
50mm	0.001mm	0.003mm	0.003mm
2"	0.00005"	0.0001"	0.0001"
150mm	0.001mm	0.005mm	0.003mm
6"	0.00005"	0.0002"	0.0001"

MOORE & WRIGHT MICROMETER SETTING STANDARDS

Metric			Imperial		
Code No	Length (mm)	Tolerance +/- (mm)	Code No	Length (inch)	Tolerance +/- (inch)
980525	25mm	0.001	980501	1	0.00005
980550	50mm	0.002	980502	2	0.0001
980575	75mm	0.002	980503	3	0.0001
9805100	100mm	0.002	980504	4	0.0001
9805125	125mm	0.002	980505	5	0.0001

Hardened and Ground Steel Measuring Faces with Flat Ends
Fitted Insulating Sleeve
Marked with Nominal Size

MECHANICAL EXTERNAL MICROMETERS - IMPERIAL: 1-6"

Code No	Range (inch)	Description	Code No	Range (inch)	Description
19662	1-2	0.001" Carbide anvils	1966B2	1-2	0.0001" Carbide anvils
19663	2-3	0.001" Carbide anvils	1966B3	2-3	0.0001" Carbide anvils
19664	3-4	0.001" Carbide anvils	1966B4	3-4	0.0001" Carbide anvils
19665	4-5	0.001" Carbide anvils	1966B5	4-5	0.0001" Carbide anvils
19666	5-6	0.001" Carbide anvils	1966B6	5-6	0.0001" Carbide anvils

MECHANICAL EXTERNAL MICROMETERS - METRIC: 25-150MM

Code No	Range (mm)	Description	Code No	Range (mm)	Description
1966M50	25-50	0.01mm Carbide anvils	1966MB50	25-50	0.002mm Carbide anvils
1966M75	50-75	0.01mm Carbide anvils	1966MB75	50-75	0.002mm Carbide anvils
1966M100	75-100	0.01mm Carbide anvils	1966MB100	75-100	0.002mm Carbide anvils
1966M125	100-125	0.01mm Carbide anvils	1966MB125	100-125	0.002mm Carbide anvils
1966M150	125-150	0.01mm Carbide anvils	1966MB150	125-150	0.002mm Carbide anvils

Value Line External Micrometer 200 Series

Complies with: DIN 863 / 1

Features

- Tungsten carbide measuring faces
- Satin - chrome scale
- Hammertone finish frame with insulated grip
- Tapered for easier access to difficult areas
- Locking lever
- Constant force ratchet
- Supplied in plastic case
- Adjusting key
- Metric or imperial versions available



EXTERNAL MICROMETER 200 SERIES METRIC

Code No	Range (mm)	Resolution (mm)
MW200-01	0-25	0.01
MW200-02	25-50	0.01
MW200-03	50-75	0.01
MW200-04	75-100	0.01

EXTERNAL MICROMETER 200 SERIES IMPERIAL

Code No	Range (inch)	Resolution (inch)
MW200-01i	0-1	0.0005
MW200-02i	1-2	0.0005
MW200-03i	2-3	0.0005
MW200-04i	3-4	0.0005

Value Line Blade External Micrometer 275 Series

Complies with: DIN 863

Features

- For measuring grooves, keyways etc.
- Blade 6.5mm non-rotating spindle
- Blade: 1.25mm thick
- Satin - chrome scale
- Hammertone finish frame with insulated grip
- Tapered for easier access to difficult areas
- Constant force ratchet on thimble
- Supplied in plastic case
- Adjusting key



BLADE EXTERNAL MICROMETER 275 SERIES

Code No	Range (mm)	Resolution (mm)
MW275-01	0-25	0.01
MW275-02	25-50	0.01
MW275-03	50-75	0.01
MW275-04	75-100	0.01



Moore & Wright Traditional Micrometers, Boxed Sets

Complies with BS870, DIN 863 / 1, ISO361, where applicable.

Each set is supplied in a fitted case.

Features

- Resolutions of 0.01mm or 0.002mm metric, or 0.001" or 0.0001" imperial
- Tungsten carbide 6.5mm diameter anvils
- Supplied with setting standards



RESOLUTION 0.01MM

Code No	Range (mm)	Description
MEB-122M	0-75	Carbide anvils
MEB-322M	0-150	Carbide anvils
MEB-522M	0-300	Carbide anvils

RESOLUTION 0.002MM

Code No	Range (mm)	Description
MEB-222M	0-75	Carbide anvils
MEB-422M	0-150	Carbide anvils
MEB-622M	0-300	Carbide anvils

RESOLUTION 0.001"

Code No	Range (inch)	Description
MEB-122E	0-3	Carbide anvils
MEB-322E	0-6	Carbide anvils
MEB-522E	0-12	Carbide anvils

RESOLUTION 0.0001"

Code No	Range (inch)	Description
MEB-222E	0-3	Carbide anvils
MEB-422E	0-6	Carbide anvils
MEB-622E	0-12	Carbide anvils

Point Micrometer 270 Series

Complies with: BS870, DIN 863 / 1, ISO361, where applicable.

Features

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways and other hard to reach places
- Hammertone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet on thimble
- Packed in plastic box with standard and adjusting key



POINT MICROMETER 270 SERIES

Code No	Range (mm)	Resolution (mm)	Point Angle
MW270-01	0-25	0.01	15°
MW270-02	25-50	0.01	15°
MW270-03	50-75	0.01	15°
MW270-04	75-100	0.01	15°
MW270-05	0-25	0.01	30°
MW270-06	25-50	0.01	30°
MW270-07	50-75	0.01	30°
MW270-08	75-100	0.01	30°

Value Line Digital Point Micrometer 270 Series

Features

Standard: DIN 863

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways and other hard to reach places
- Features 'easy to read' large 7.5mm character height, digital display
- Modern design
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- With constant force ratchet thimble
- Hammertone finished frame with high quality insulated grip
- Tapered for easier access to difficult areas
- Functions: mm/inch conversion, ABS/INC, on/off, zero-setting, data-output, battery low indication
- Packed in plastic box with standard setting rod



DIGITAL POINT MICROMETER 270-DDL SERIES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Point Angle
MW270-01DBL	0-25	0-1	0.001	0.00005	30°
MW270-02DBL	25-50	1-2	0.001	0.00005	30°
MW270-03DBL	50-75	2-3	0.001	0.00005	30°
MW270-04DBL	75-100	3-4	0.001	0.00005	30°



Value Line Digital External Micrometer 200 Series

Features

Standard: DIN 863

- Large LCD display
- Tapered for easier access to difficult areas
- Hammertone finished frame with high quality insulated grip
- Tungsten carbide measuring faces and constant force ratchet on thimble
- Functions: mm/inch conversion, ABS/INC, zero setting
- Packed in plastic box with standard (over 25mm)



VALUE LINE DIGITAL EXTERNAL MICROMETER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW200-01DBL	0-25	0-1	0.001	0.00005
MW200-02DBL	25-50	1-2	0.001	0.00005
MW200-03DBL	50-75	2-3	0.001	0.00005
MW200-04DBL	75-100	3-4	0.001	0.00005

Digital External Micrometer 201 Series

Features

Standard: DIN 863

- Protected to IP54 specifications
- Rugged steel design
- Large LCD display
- Absolute and Incremental modes
- Carbide measuring faces
- Ball attachment included
- Packed in plastic box with standard (over 25mm)



DIGITAL EXTERNAL MICROMETER

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW201-01DAB	0-25	0-1	0.001	0.00005"
MW201-02DAB	25-50	1-2	0.001	0.00005"
MW201-03DAB	50-75	2-3	0.001	0.00005"
MW201-04DAB	75-100	3-4	0.001	0.00005"

Sylvac S_Mike PRO

Complies with: DIN 863



Features

- Automatic wake-up by moving the measuring spindle
- Sleep mode after 20 min. of no use
- Position memorised in sleep mode
- Water protected for heavy-duty work with coolants and lubricants, protection rating IP67 according to IEC 60529, with or without connector
- Measuring range 0-102mm covered with 3 instruments only
- Set of 3 micrometers 0-102mm available
- Quick displacement of the measuring spindle 12mm / rotation
- Battery life 12,000 hours
- Non-rotating spindle
- Preset function
- Setting masters provided where applicable



30-903-0300

S_MIKE PRO - STANDARD

Code No	Range (mm)	Maximum Error (µm)	Repeatability (µm)	Proximity	Protection Rating
30-903-0300*	0-30	3	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-0600	30-66	4	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1000	66-102	5	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1360	100-136	7	2	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1600	125-161	8	2	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector

*Adjustable measuring force 5N / 10N

Code No	Range (mm)	Description	Proximity	Protection Rating
30-903-1300	0-102	Sylvac S_Mike PRO Box Set	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector



Sylvac S_Mike PRO Ø2 & S_Mike PRO - BLADE

Complies with: DIN 863



Features

- Automatic wake-up by moving the measuring spindle
- Sleep mode after 20 min. of no use
- Position memorised in sleep mode
- Water protected for heavy-duty work with coolants and lubricants, protection rating IP67 according to IEC 60529, with or without connector
- Quick displacement of the measuring spindle 12mm / rotation
- Battery life 12,000 hours
- Non-rotating spindle
- Preset function

Tempered steel knife shaped anvils 0.7mm



30-903-0302

Tempered steel anvils type Ø 2mm



30-903-0301

Tempered steel disc anvils



30-903-0303

S_MIKE PRO Ø2 - 2MM DIAMETER ANVILS

Code No	Range (mm)	Maximum Error (µm)	Repeatability (µm)	Proximity	Protection Rating
30-903-0301*	0-25	3	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-0601	25-60	4	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1001	60-95	5	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1301	95-120	6	2	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1601	120-145	7	2	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector

*Adjustable measuring force 5N / 10N

S_MIKE PRO - BLADE ANVILS

Code No	Range (mm)	Maximum Error (µm)	Repeatability (µm)	Proximity	Protection Rating
30-903-0302*	0-25	3	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-0602	25-60	4	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1002	60-95	5	1	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1302	95-120	6	2	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-1602	120-145	7	2	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector

*Adjustable measuring force 5N / 10N

S_MIKE PRO - SPECIAL ANVILS

Code No	Range (mm)	Maximum Error (µm)	Repeatability (µm)	Description	Proximity	Protection Rating
30-903-0303*	0-30	4	1	With disc anvil	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-0304*	0-25	3	1	With spherical anvil on one side	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector
30-903-0305*	0-25	3	1	With 2 spherical anvils	USB / RS 232 / Digimatic / Wireless	IP67 with or without connector

*Adjustable measuring force 5N / 10N

Tube Micrometer 255 Series

Complies with: DIN 863

Features

- Micrometer for measuring tube wall thickness
- With spherical anvil
- Satin - chrome scale
- Hammertone finished frame with insulated grip
- Tungsten carbide measuring faces on spindle
- Constant force ratchet on thimble
- Supplied in plastic box



TUBE MICROMETER 255 SERIES

Code No	Range (mm)	Resolution (mm)
MW255-01	0-25	0.01
MW255-02	25-50	0.01

Digital Tube Micrometer 255-DDL Series

Complies with: DIN 863

Features

- High quality Digital micrometer for measuring tube wall thickness
- With spherical anvil
- Features 'easy to read' large 7.5mm character height, digital display
- 'Soft keys' for maximum operating comfort
- Long life guaranteed
- With constant force ratchet thimble
- Chrome plated frame with high quality insulated grip
- Functions: mm/inch conversion, on/off, zero-setting, battery low indication, hold, 0...ABS
- Packed in plastic box with standard and battery cover key



DIGITAL TUBE MICROMETER 255-DDL SERIES

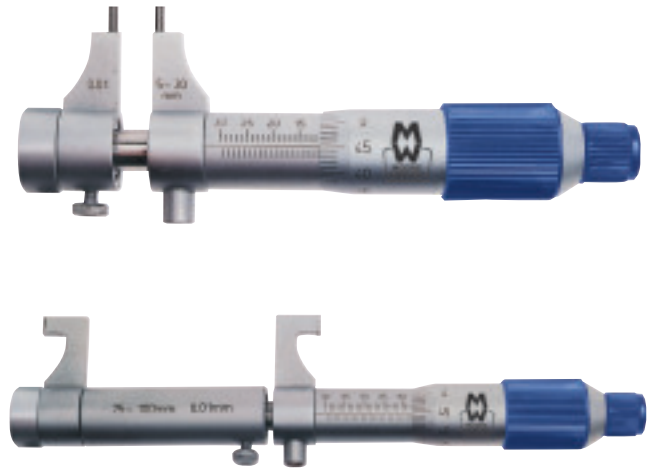
Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW255-01DDL	0-25	0-1	0.001	0.00005
MW255-02DDL	25-50	1-2	0.001	0.00005

Caliper Type Inside Micrometer 280 Series

Complies with: DIN 863

Features

- For measuring the inside of a bore or hole
- Resolution 0.01mm
- With constant force ratchet thimble
- Satin chrome finished frame
- With tungsten carbide measuring faces and constant force ratchet
- Locking clamp for positive locking of spindle
- Packed in wooden / plastic box with setting ring and adjusting key



CALIPER TYPE INSIDE MICROMETER 280 SERIES

Code No	Range (mm)	Resolution (mm)	Note
MW280-01	5-30	0.01	Setting Ring Included
MW280-02	25-50	0.01	Setting Ring Included
MW280-03	50-75	0.01	
MW280-04	75-100	0.01	

Digital Caliper Type Inside Micrometer 280-DDL Series

Complies with: DIN 863

Features

- For measuring the inside of a bore or hole
- Features 'easy to read' large 7.5mm character height, digital display
- 'Soft keys' for maximum operating comfort
- With constant force ratchet thimble
- Satin chrome finished frame with high quality insulated grip
- Functions: mm / inch conversion, tolerance indication, ABS / INC, preset, on / off, zero-setting, battery low indication



DIGITAL CALIPER TYPE INSIDE MICROMETER 280-DDL SERIES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Note
MW280-01DDL	5-30	0.2-1.2	0.001	0.00005	Setting Ring Included
MW280-02DDL	25-50	1-2	0.001	0.00005	Setting Ring Included
MW280-03DDL	50-75	2-3	0.001	0.00005	
MW280-04DDL	75-100	3-4	0.001	0.00005	
MW280-05DDL	100-125	4-5	0.001	0.00005	
MW280-06DDL	125-150	5-6	0.001	0.00005	

Value Line External Micrometer Set 215 Series

Features

Standard: DIN 863

- Resolution 0.01mm
- Satin-chrome scale
- Satin chrome forged steel frame with insulated grip
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standards and adjusting key



VALUE LINE EXTERNAL MICROMETER SET

Code No	Range (mm)	Resolution (mm)	Note
MW215-01BL	0-75	0.01	3 Micrometers In Set
MW215-02BL	0-100	0.01	4 Micrometers In Set
MW215-03BL	0-150	0.01	6 Micrometers In Set
MW215-04BL	0-200	0.01	8 Micrometers In Set

Value Line Micrometer With Interchangeable Anvils 217 Series

Features

Standard: DIN 863

- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles/anvils
- Strong forged steel frame, hammertone finish, quality insulated grip
- Design Line product
- Satin-chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standard and adjusting key



MICROMETER WITH INTERCHANGEABLE ANVILS

Code No	Range (mm)	Resolution (mm)
MW217-01	0-100	0.01
MW217-02	0-150	0.01
MW217-03	100-200	0.01
MW217-04	150-300	0.01
MW217-05	200-300	0.01

Large External Micrometer 210 Series

Features

Standard: DIN 863

- Strong forged steel frame, hammertone finish, quality insulated grip
- Design Line product
- Satin-chrome scale
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Packed in wooden box with standard and adjusting key

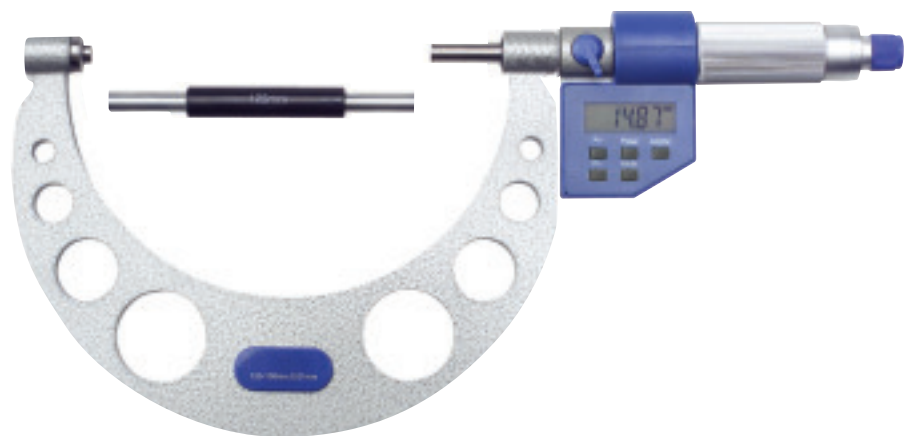


LARGE EXTERNAL MICROMETER

Code No	Range (mm)	Resolution (mm)
MW210-01	100-125	0.01
MW210-02	125-150	0.01
MW210-03	150-175	0.01
MW210-04	175-200	0.01
MW210-05	200-225	0.01
MW210-06	225-250	0.01
MW210-07	250-275	0.01
MW210-08	275-300	0.01

Digital Large External Micrometer 210-DDL Series

Complies with: DIN 863



Features

Standard: DIN 863

- Strong forged steel frame, hammertone finish, quality insulated grip
- Design Line product
- Large 7.5mm character height digital display
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet
- Modern design
- 'Soft keys' for maximum operating comfort
- Functions: mm/inch conversion, set, on/off zero-setting, data-output, battery low indication, hold, 0...ABS
- Packed in wooden box with standard and battery cover key

EXTERNAL MICROMETER 210-DDL SERIES - METRIC RANGE ONLY

Code No	Range (mm)	Resolution (mm)	Resolution (inch)
MW210-01DDL	100-125	0.001	0.00005
MW210-02DDL	125-150	0.001	0.00005
MW210-03DDL	150-175	0.001	0.00005
MW210-04DDL	175-200	0.001	0.00005
MW210-05DDL	200-225	0.001	0.00005
MW210-06DDL	225-250	0.001	0.00005
MW210-07DDL	250-275	0.001	0.00005
MW210-08DDL	275-300	0.001	0.00005

Moore & Wright Traditional External Micrometers, 971 Series: 150-450mm / 6 - 18"

Complies with: BS870, DIN 863/1, ISO361, where applicable

Features

- Capacities from 150-450mm / 6-18"
- Lightweight frame with ribs and reliefs providing both high strength and user comfort
- Blue textured frame finish
- Hardened steel or tungsten carbide anvils 6.8mm diameter
- 'Speeder' type ratchet and locking lever
- Supplied in a case with recess for setting gauge
- Setting gauge supplied separately

ACCURACY

Micrometer Capacity Max Size up to	Measuring Faces		Screw Pitch Accuracy
	Flatness	Accuracy	
225mm	0.001mm	0.005mm	0.003mm
9"	0.00005"	0.0002"	0.0001"
300mm	0.003mm	0.008mm	0.003mm
12"	0.0001"	0.0003"	0.0001"
375mm	0.003mm	0.013mm	0.005mm
15"	0.0001"	0.0005"	0.0002"
450mm	0.003mm	0.015mm	0.005mm
18"	0.0001"	0.0006"	0.0002"

MOORE & WRIGHT TRADITIONAL EXTERNAL MICROMETERS, 971 SERIES: 150-450MM / 6 - 18"

Code No	Description	Size
1971M175	0.01mm Carbide Anvils	150-175mm
19717	0.001" Carbide Anvils	6-7"
1971M200	0.01mm Carbide Anvils	175-200mm
19718	0.001" Carbide Anvils	7-8"
1971M225	0.01mm Carbide Anvils	220-225mm
19719	0.001" Carbide Anvils	8-9"
1971M250	0.01mm Carbide Anvils	225-250mm
197110	0.001" Carbide Anvils	9-10"
1971M275	0.01mm Carbide Anvils	250-275mm
197111	0.001" Carbide Anvils	10-11"
1971M300	0.01mm Carbide Anvils	275-300mm
197112	0.001" Carbide Anvils	11-12"
1971M325	0.01mm Carbide Anvils	300-325mm
197113	0.001" Carbide Anvils	12-13"
1971M350	0.01mm Carbide Anvils	325-350mm
197114	0.001" Carbide Anvils	13-14"
1971M375	0.01mm Carbide Anvils	350-375mm
197115	0.001" Carbide Anvils	14-15"
1971M400	0.01mm Carbide Anvils	375-400mm
197116	0.001" Carbide Anvils	15-16"
1971M425	0.01mm Carbide Anvils	400-425mm
197117	0.001" Carbide Anvils	16-17"
1971M450	0.01mm Carbide Anvils	425-450mm
197118	0.001" Carbide Anvils	17-18"

SETTING STANDARD

Code No	Size	Diameter (mm)
980M150	150mm	8.0
9806	6"	8.0
980M175	175mm	9.5
9807	7"	9.5
980M200	220mm	9.5
9808	8"	9.5
980M225	225mm	9.5
9809	9"	9.5
980M250	250mm	9.5
98010	10"	9.5
980M275	275mm	9.5
98011	11"	9.5
980M300	300mm	11.1
98012	12"	11.1
980M325	325mm	11.1
98013	13"	11.1
980M350	350mm	11.1
98014	14"	11.1
980M375	375mm	12.5
98015	15"	12.5
980M400	400mm	12.5
98016	16"	12.5
980M425	425mm	12.5
98017	17"	12.5





Moore & Wright Traditional Adjustable Micrometers

Complies with BS870, DIN 863 / 1, ISO361, where applicable

Features

- Hardened steel or tungsten carbide measuring faces
- 6.8mm spindle diameter
- 'Speeder' type ratchet
- Locking lever
- Each model supplied complete with setting gauges
- Blue textured frame finish
- Ribbed bow frames (sizes up to 150mm / 6")
- Lightweight fabricated tubular bow frame (sizes 750-1800mm / 36-72")
- All sizes supplied in either a durable plastic or aluminium framed case

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METRIC WITH STEEL / CARBIDE ANVILS 0.01MM READING

Code No	Description	Code No	Description	Range (mm)	Setting Gauges	Interchangeable Anvils
940MX	Steel Anvils	MEA021M	Carbide Anvils	0-50	1	2
941MX	Steel Anvils	MEA041M	Carbide Anvils	0-100	3	4
942MX	Steel Anvils	MEA051M	Carbide Anvils	50-150	4	4
943MX	Steel Anvils	MEA081M	Carbide Anvils	100-200	4	4
945MX	Steel Anvils	MEA121M	Carbide Anvils	200-300	4	4
1044MX150	Steel Anvil	MEA061M	Carbide Anvils	0-150	5	6
1044MX300	Steel Anvils	MEA131M	Carbide Anvils	150-300	6	6
1044MX450	Steel Anvils	MEA181M	Carbide Anvils	300-450	6	6
1044MX600	Steel Anvils	MEA241M	Carbide Anvils	450-600	6	6
1044MX750	Steel Anvils	MEA301M	Carbide Anvils	600-750	3	6
MEA360M	Steel Anvils	MEA361M	Carbide Anvils	750-900	3	6
MEA420M	Steel Anvils	MEA421M	Carbide Anvils	900-1050	3	6
MEA480M	Steel Anvils	MEA491M	Carbide Anvils	1050-1200	3	6
MEA540M	Steel Anvils	MEA541M	Carbide Anvils	1200-1350	3	6
MEA600M	Steel Anvils	MEA601M	Carbide Anvils	1350-1500	3	6
MEA660M	Steel Anvils	MEA661M	Carbide Anvils	1500-1650	3	6
MEA720M	Steel Anvils	MEA721M	Carbide Anvils	1650-1800	3	6

ACCURACY

Micrometer Range	Measuring Faces		Screw Pitch Accuracy
	Flatness	Parallelism	
0-50mm	0.001mm	0.008mm	0.003mm
0-100mm	0.001mm	0.010mm	0.003mm
50-150mm	0.001mm	0.013mm	0.003mm
100-200mm	0.001mm	0.013mm	0.003mm
200-300mm	0.003mm	0.015mm	0.003mm
0-150mm	0.003mm	0.003mm	0.003mm
150-300mm	0.003mm	0.003mm	0.003mm
300-450mm	0.003mm	0.005mm	0.005mm
450-600mm	0.003mm	0.005mm	0.005mm
600-750mm	0.003mm	0.005mm	0.005mm
750-900mm	0.003mm	0.005mm	0.005mm
900-1050mm	0.003mm	0.005mm	0.005mm
1050-1200mm	0.003mm	0.005mm	0.005mm
1200-1350mm	0.003mm	0.005mm	0.005mm
1350-1500mm	0.003mm	0.005mm	0.005mm
1500-1650mm	0.003mm	0.005mm	0.005mm
1650-1800mm	0.003mm	0.005mm	0.005mm

IMPERIAL WITH STEEL / CARBIDE ANVILS 0.001" READING

Code No	Description	Code No	Description	Range (inch)	Setting Gauges	Interchangeable Anvils
940X	Steel Anvils	MEA021E	Carbide Anvils	0-2	1	2
941X	Steel Anvils	MEA041E	Carbide Anvils	0-4	3	4
942X	Steel Anvils	MEA051E	Carbide Anvils	2-6	4	4
943X	Steel Anvils	MEA081E	Carbide Anvils	4-8	4	4
945X	Steel Anvils	MEA121E	Carbide Anvils	8-12	4	4
1044X6	Steel Anvils	MEA061E	Carbide Anvils	0-6	5	6
1044X12	Steel Anvils	MEA131E	Carbide Anvils	6-12	6	6
1044X18	Steel Anvils	MEA181E	Carbide Anvils	12-18	6	6
1044X24	Steel Anvils	MEA241E	Carbide Anvils	18-24	6	6
1044X30	Steel Anvils	MEA301E	Carbide Anvils	24-30	3	6
MEA360E	Steel Anvils	MEA361E	Carbide Anvils	30-36	3	6
MEA420E	Steel Anvils	MEA421E	Carbide Anvils	36-42	3	6
MEA480E	Steel Anvil	MEA481E	Carbide Anvils	42-48	3	6
MEA540E	Steel Anvil	MEA541E	Carbide Anvils	48-54	3	6
MEA600E	Steel Anvils	MEA601E	Carbide Anvils	54-60	3	6
MEA660E	Steel Anvils	MEA661E	Carbide Anvils	60-66	3	6
MEA720E	Steel Anvils	MEA721E	Carbide Anvils	66-72	3	6

ACCURACY

Micrometer Range	Measuring Faces		Screw Pitch Accuracy
	Flatness	Parallelism	
0-2"	0.00005"	0.003"	0.0001"
0-4"	0.00005"	0.0004"	0.0001"
2-6"	0.00005"	0.0005"	0.0001"
4-8"	0.00005"	0.0005"	0.0001"
8-12"	0.0001"	0.0006"	0.0001"
0-6"	0.0001"	0.0001"	0.0001"
6-12"	0.0001"	0.0001"	0.0001"
12-18"	0.0001"	0.0002"	0.0002"
12-18"	0.0001"	0.0002"	0.0002"
24-30"	0.0001"	0.0002"	0.0002"
30-36"	0.0001"	0.0002"	0.0002"
36-42"	0.0001"	0.0002"	0.0002"
42-48"	0.0001"	0.0002"	0.0002"
48-54"	0.0001"	0.0002"	0.0002"
54-60"	0.0001"	0.0002"	0.0002"
60-66"	0.0001"	0.0002"	0.0002"
66-72"	0.0001"	0.0002"	0.0002"

Large External Micrometers 220 Series

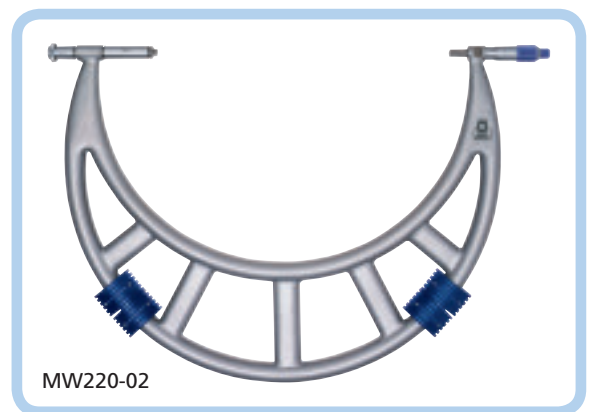
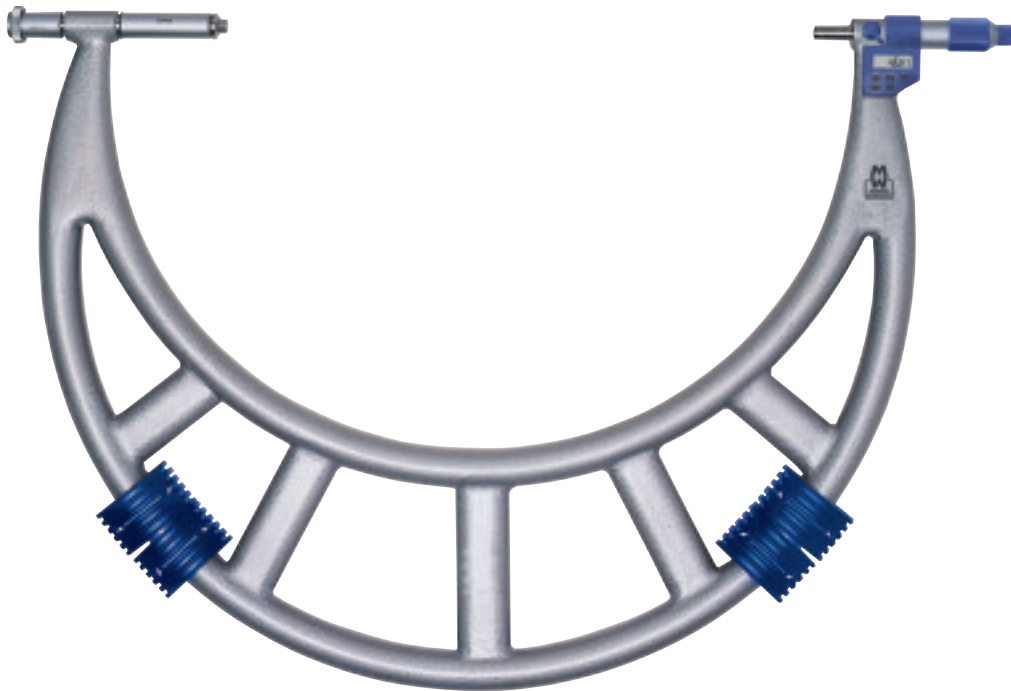
Features

Standard: DIN 863 / IAIS

- Features wide measuring range with interchangeable anvils
- Hardened and ground spindles/anvils
- "Tube type" low weight, Dur-al frame with insulated grips
- Tapered for easier access to difficult areas
- With tungsten carbide measuring faces and constant force ratchet on thimble
- Packed in a wooden/plastic box with setting standard and adjusting key

Digital Features

- Large 7.5mm character height digital display
- 'Soft keys' for maximum operating comfort
- Functions: mm/inch conversion, tolerance indication, ABS/INC, preset, on/off, zero-setting, battery low indication



LARGE EXTERNAL MICROMETER

Code No	Range (mm)	Resolution (mm)
MW220-01	300-400	0.01
MW220-02	400-500	0.01
MW220-03	500-600	0.01
MW220-04	600-700	0.01
MW220-05	700-800	0.01
MW220-06	800-900	0.01
MW220-07	900-1000	0.01
MW220-08	1000-1200	0.01
MW220-09	1200-1400	0.01

LARGE DIGITAL EXTERNAL MICROMETER

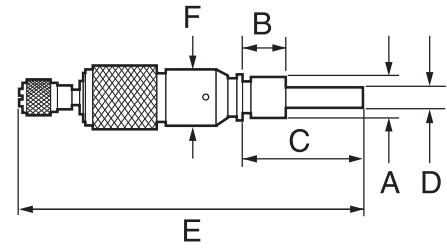
Code No	Range (mm)	Resolution (mm)	Resolution (inch)
MW220-01DDL	300-400	0.001	0.00005
MW220-02DDL	400-500	0.001	0.00005
MW220-03DDL	500-600	0.001	0.00005
MW220-04DDL	600-700	0.001	0.00005
MW220-05DDL	700-800	0.001	0.00005
MW220-06DDL	800-900	0.001	0.00005
MW220-07DDL	900-1000	0.001	0.00005



Moore & Wright Micrometer Heads

Complies with BS1734 and DIN 863 where applicable

Moore & Wright micrometer heads are available in a range of standard sizes and configurations. However, if you have specific requirements which are not covered by the models listed below then please contact our Customer Service Department.



METRIC: MICROMETER HEADS

Code No	Range (mm)	Principal dimensions in mm						Basic Features			Description
		Dimn - A	Dimn - B	Dimn - C	Dimn - D	Dimn - E	Dimn - F	Locking Ratchet	Screw	Speeder	
MHM-522M	0-25	12.7	19.0	50.8	6.8	122.0	16.5	Yes	No	No	Flat Spindle
MHM-543M	0-25	9.525	19.0	45.6	6.8	122.0	16.5	Yes	Yes	Yes	Flat Spindle
MW310-15	0-15	9.5	9.5	26.0	5.0	61.0	13.5	No	No	No	Flat Spindle
MW310-15R	0-15	9.5	9.5	26.0	5.0	61.0	13.5	No	No	No	Spherical Spindle
MW310-25	0-25	12.0	16.0	46.0	6.5	115.0	18.0	Yes	No	No	Flat Spindle
MW310-25B	0-25	12.0	16.0	46.0	8.0	115.0	18.0	Yes	No	No	Flat Spindle

IMPERIAL: MICROMETER HEADS

Code No	Range (inch)	Principal dimensions in inches						Basic Features			Description
		Dimn - A	Dimn - B	Dimn - C	Dimn - D	Dimn - E	Dimn - F	Locking Ratchet	Screw	Speeder	
MHM-543E	0-1	0.375	0.75	1.795	0.268	4.813	0.650	Yes	Yes	Yes	Flat Spindle
MHM-771E	0-1	0.5	0.75	2.000	0.268	4.531	1.138	No	No	Yes	Flat Spindle

Value Line Digital Micrometer Head 312 Series

Features

Standard: DIN862

- Universal micrometer head for X-Y stages or other purposes
- Large LCD display
- Constant force ratchet thimble
- Functions: mm/inch conversion, ABS/INC, zero-setting



DIGITAL MICROMETER HEAD 312 SERIES

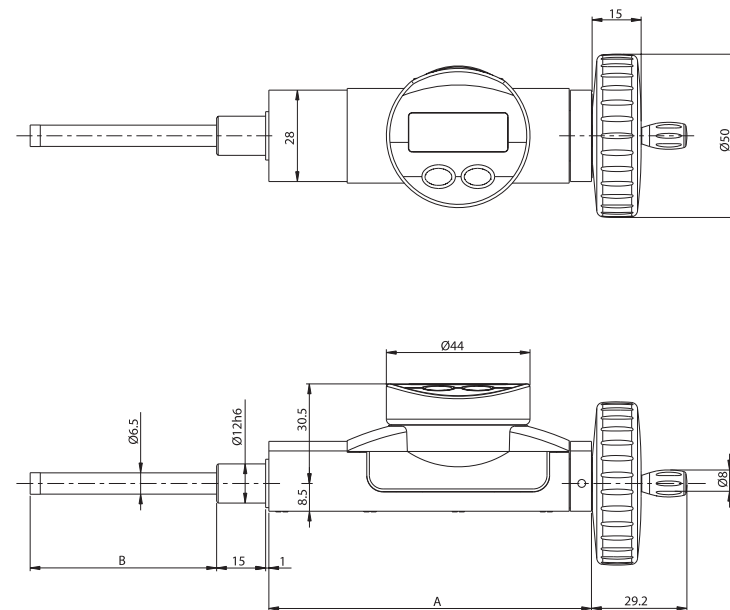
Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Dimn - A	Dimn - B	Dimn - C
MW312-25DBL	0-25	1	0.001	0.00005	6.5	150	12.0

Sylvac Digital Micrometer Heads

Features

Data output RS232, combined with external power supply

- Fine adjustment available (accessories)
- Type H and V (same model)
- Reduced dimensions, compact design
- Selection of measuring direction, preset function, absolute of relative measurement



DIGITAL MICROMETER HEADS

Code No	Range (mm)	Maximum Error	Repeatability (mm)	Resolution (mm)	Dimn - A	Dimn - B
30-852-2001	0-25	5	2	0.001	74.5	33.1
30-852-2011	0-50	8	2	0.001	98.5	57.1



Moore & Wright Traditional Internal Micrometers 900 Series

Each model comprises a measuring head, a set of extension rods and a spacing collar to facilitate alternative measuring ranges. The smaller models (901, 902 & 903) have detachable extension handles. All models supplied in a fitted case.

Complies with: BS959

Features

- Supplied in a fitted case

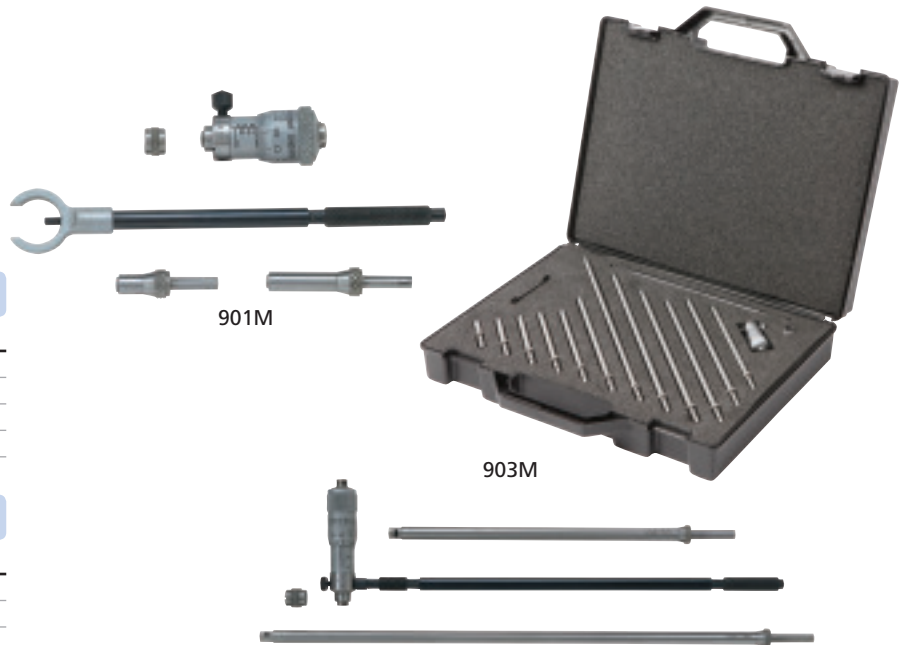
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METRIC

Code No	Range (mm)	Head Range (mm)
901M	25-55	5
902M	50-210	10
903M	50-310	10
908M825	200-825	25

IMPERIAL

Code No	Range (inch)	Head Range (inch)
901	1-2	0.25
902	2-8	0.50
903	2-12	0.50
908-33	8-33	1.00



Tubular Internal Micrometer 300 Series

Features

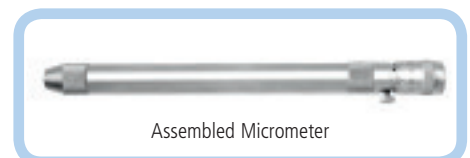
Standard: DIN 863

- Ideal for large diameters
- With tungsten carbide measuring faces
- All measuring faces are micro-lapped
- Satin-chromed scale and body with lock screw
- All extension pieces equipped with gauge parts are under constant spring loading
- Packed in a wooden box



TUBULAR INTERNAL MICROMETER

Code No	Range (mm)	Resolution (mm)
MW300-01	50-250	0.01
MW300-02	50-600	0.01
MW300-04	150-2000	0.01



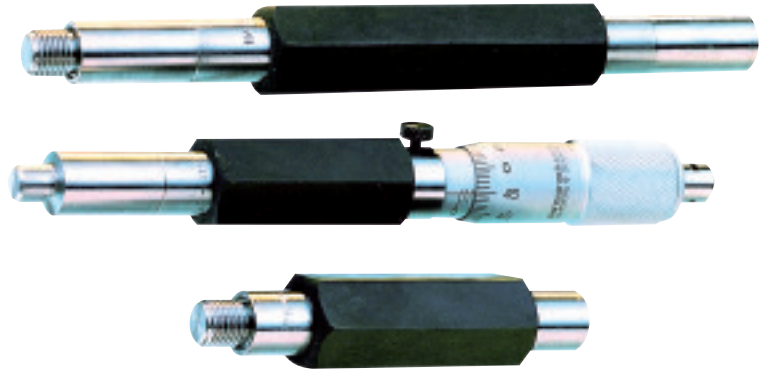
Moore & Wright Traditional Internal Micrometer G700 / G710 Series

Features

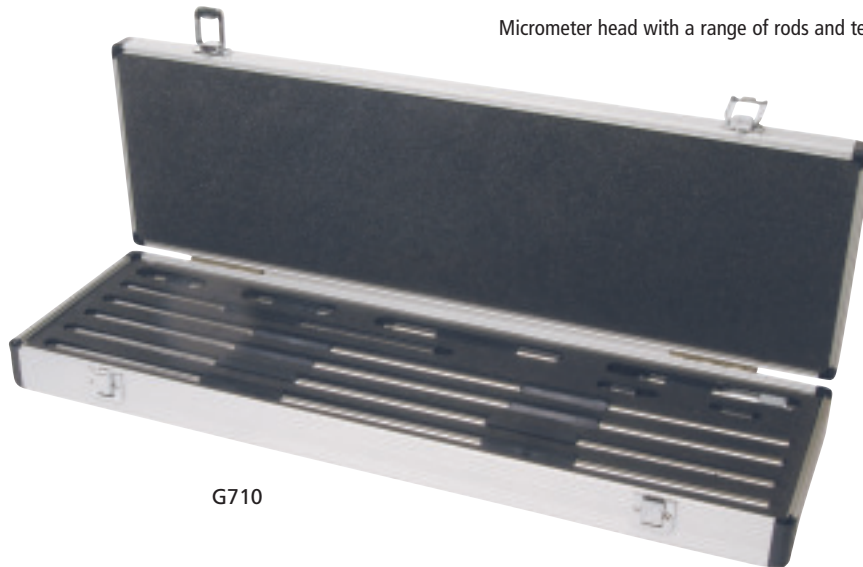
Standard: BS959

- Suitable for applications requiring a wide measuring range
- Stick micrometer consists of a micrometer with a set of extension rods
- All models supplied in a fitted case

Please Note: When using a stick micrometer, the instrument should be fully supported to prevent sagging and inaccuracies.



Micrometer head with a range of rods and terminal end.



G710

METRIC ACCESSORIES

Code No	Description	Range (mm)
G700M	Micrometer Head*	
MST-791M	Extension Rod	25
MST-792M	Extension Rod	50
MST-793M	Extension Rod	75
MST-794M	Extension Rod	150
MST-795M	Extension Rod	300
MST-796M	Extension Rod	600

*Complete with Terminal End

IMPERIAL ACCESSORIES

Code No	Description	Range (inch)
G700E	Micrometer Head*	
MST-791E	Extension Rod	1
MST-792E	Extension Rod	2
MST-793E	Extension Rod	3
MST-794E	Extension Rod	6
MST-795E	Extension Rod	12
MST-796E	Extension Rod	24

*Complete with Terminal End

METRIC: 150MM-6175MM, RESOLUTION 0.01MM

Code No	Range (mm)	Head Range (mm)	Rod Length (mm)
G704M	150-1375	25	25, 50, 75, 150, 300, 600
G710M	150-3175	25	25, 50, 75, 150, 300, 4 x 600
G720M	150-6175	25	25, 50, 75, 150, 300, 9 x 600

IMPERIAL: 6" -20' 7", RESOLUTION 0.001"

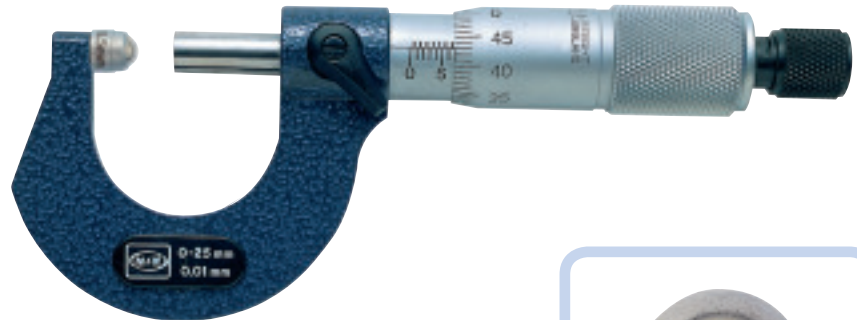
Code No	Range (inch)	Head Range (inch)	Rod Length (inch)
G704	6-55	1	1, 2, 3, 6, 12, 24
G710	6-127	1	1, 2, 3, 6, 12, 4 x 24
G720	6-247	1	1, 2, 3, 6, 12, 9 x 24

Micrometer Ball Attachment

Features

- To suit the 1961, 1965 and 1966 series micrometers
- Can be fitted to the anvil or spindle on external micrometer series 1961, 1965 and 1966 to enable round or irregular surfaces to be measured
- The ball is hardened and moves freely to allow contact with the object being measured

Note: Always deduct the ball diameter from any reading.



MICROMETER BALL ATTACHMENT

Code No	Description	Diameter (mm)	Diameter (inch)	Note
878M	6.5mm and 6.8mm	6.0 ball		1 of each spindle size supplied
878	0.256" and 0.268"		0.250 ball	1 of each spindle size supplied

Micrometer Stand

Features

- Designed for micrometers up to 100mm
- Painted cast iron base with plastic covered clamping jaws
- Angle adjustable

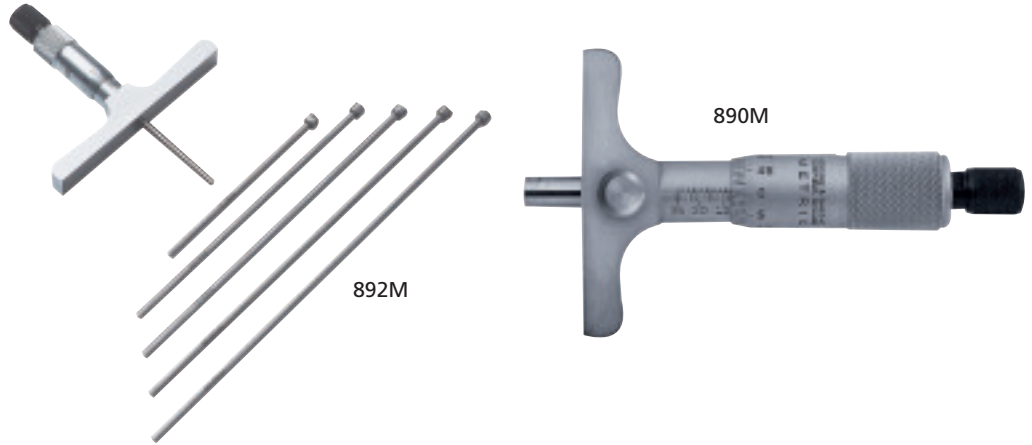


MICROMETER STAND

Code No	Description
MW279-01A	Stand for micrometers up to 100mm

Moore & Wright Traditional Depth Gauge Micrometer

Complies with BS6468:1984



890 Series:

- Fixed depth rod, 6.5mm diameter
- 63.5mm / 2 1/2" base length
- 'Speeder' type ratchet
- Lock screw

891 Series:

- Interchangeable depth rods, 4mm diameter
- 63.5mm / 2 1/2" base length

892 Series:

- As 891 Series except for:
100mm / 4" base length

Please visit bowers.co.uk for our range of Spares & Accessories

DEPTH GAUGE MICROMETER - METRIC

Code No	Range (mm)
890M	0-25
891M75	0-75
891M150	0-150
891M300	0-300
892M75	0-75
892M150	0-150
892M300	0-300

DEPTH GAUGE MICROMETER - IMPERIAL

Code No	Range (inch)
890	0-1
8913	0-3
8916	0-6
89112	0-12
8923	0-3
8926	0-6
89212	0-12

Digital Depth Micrometer 305-DDL Series

Complies with: DIN 863

Features

- Interchangeable rods (spherical ends)
- Rods are hardened and spherically lapped
- Features 'easy to read' large 7.5mm character height, digital display
- 'Soft keys' for maximum operating comfort
- Constant force ratchet thimble
- Satin chrome finished base
- Functions: mm / inch conversion, set, on/off, zero-setting, battery low indication, hold, 0...ABS



DIGITAL DEPTH MICROMETER 305-DDL SERIES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Size of Base
MW305-00DDL	0-25	0-1	0.001	0.00005	100mm
MW305-01DDL	0-50	0-2	0.001	0.00005	100mm
MW305-02DDL	0-100	0-4	0.001	0.00005	100mm
MW305-03DDL	0-150	0-6	0.001	0.00005	100mm
MW305-04DDL	0-200	0-8	0.001	0.00005	100mm
MW305-05DDL	0-300	0-12	0.001	0.00005	100mm

Digital Tyre Profile Gauge 176 Series

Features

- Spring loaded with a hold measurement button for ease of use
- Large LCD display
- Supplied on retail packaging
- Vinyl holder supplied as standard
- Spindle \varnothing 2.5mm



DIGITAL TYRE PROFILE GAUGE 176 SERIES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW176-01DTG	0-25	0-1	0.01	0.0005

Digital Depth Caliper 170-DDL Series

Features

- 'Soft keys' for maximum operating comfort
- Easy to read LCD display
- Ground micro-lapped measuring surfaces
- Functions : mm / inch conversion, on / off, zero-setting, battery low indication
- Available with hook (H) or without hook (B)



DEPTH CALIPER 170-DDL SERIES (Without Hook)

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Size of Base
MW170-15DB	0-150	0-6	0.01	0.0005	100mm
MW170-20DB	0-200	0-8	0.01	0.0005	100mm
MW170-30DB	0-300	0-12	0.01	0.0005	100mm

DEPTH CALIPER 170-DDL SERIES (With Hook)

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)	Size of Base
MW170-15DH	0-150	0-6	0.01	0.0005	100mm
MW170-20DH	0-200	0-8	0.01	0.0005	100mm
MW170-30DH	0-300	0-12	0.01	0.0005	100mm

Note: Hook width: 2mm

Mechanical Depth Gauge 172 Series

Features

- 0-25mm travel mechanical indicator
- Satin chrome finish
- Rods connect together for full 550mm capacity
- Base size: 100mm
- Includes 2 extra points for small hole applications



MECHANICAL DEPTH GAUGE 172 SERIES

Code No	Range (mm)	Resolution (mm)
MW172-01	0-550	0.01

Digital Depth Gauge 172 Series

Features

- 0-25mm / 0-1" travel digital indicator
- Inch / mm conversion
- Zero setting at any position
- Rods connect together for full 550mm capacity
- Base size: 100mm
- Includes 2 extra points for small hole applications



DIGITAL DEPTH GAUGE 172 SERIES

Code No	Range (mm)	Range (inch)	Resolution (mm)	Resolution (inch)
MW172-01D	0-550	0-22	0.01	0.0005

Sylvac S_Depth Pro Depth Gauge

Features

- PRESET function
- Two references
- Automatic selection of measuring direction
- Constant setting for measurement with cylindrical or spherical anvils
- Interchangeable base
- Standard base - 100mm



ACCESSORIES

Code No	Description	Length (mm)
30-805-2180	Additional Base	180
30-805-2260	Additional Base	260
30-805-2320	Additional Base	320
30-805-6101	Ball probe M2.5 (standard)	
30-805-6102	Offset Anvils	
30-805-6103	Anvil with pin Ø4 mm	

SYLVAC S_DEPTH PRO DEPTH GAUGE

Code No	Measuring Depth (mm)	Maximum Error (µm)	Repeatability (µm)	Output
30-805-6005	300	30	10	USB / RS232 / Digimatic / Wireless
30-805-6006	600	40	10	USB / RS232 / Digimatic / Wireless

Bowers Universal "Snap" Gauge

The Bowers SNAPMATIC snap gauge has been designed specifically for quick, reliable and accurate measurement of external cylindrical diameters. Particularly suitable for use in series production, the instrument is tough and solid enough to use on the machine in the workshop and flexible enough to be used in the measuring room for sample measurements (bench-stand available). The measuring surfaces are of top-quality tungsten carbide mounted on a no-maintenance spring-operated mechanism.

Features

- Measuring ranges: 0-25mm (0-1"), 25-50mm (1-2"), 50-75mm (2-3"), 75-100mm (3-4"), 100-125mm (4-5"), 125-150mm (5-6")
- Gauging travel: 0.5mm
- Constant measuring pressure
- Adjustable depth-stop
- 8mm diameter indicator locking bush as standard (3/8" on request)
- Can be used with dial-gauges, digital indicators or measuring probes
- 16mm wide tungsten carbide measuring surfaces for positive-feel measurement (see table for flatness and parallelism)
- Measuring force: 13 N \pm 3N
- Indicator protection
- Indicator can be swivelled through 360°
- Bench stand available
- Heat-resistant polymer grip



ask for details



see p249 for wireless options



Indicator not included in price of gauge.

BOWERS 'SNAP' GAUGE

Code No	Range (mm)	Flatness (μ m)	Parallelism (μ m)
SPM25X	0-25mm	0.3	2
SPM50X	25-50mm	0.3	2
SPM75X	50-75mm	0.3	3
SPM100X	75-100mm	0.3	3
SPM125X	100-125mm	0.3	4
SPM150X	125-150mm	0.3	4



Bowers Universal "Snap" Gauge



ask for details



see p249 for wireless options



Indicating Options



Mini Indicator Features

- Relative / absolute modes, mm / inch conversion, Preset, zero setting



Probe Features

- P5 Probe
- Capacitive transducers for both absolute and comparative measurements
- Max error 1.0µm
- Repeatability 0.2µm



S_Dial Work Features

- Standard digital indicator

INDICATOR AND PROBE OPTIONS

Code No	Description
30-905-5301	S_Dial Work 12.5mm Travel 0.001mm Resolution
30-905-4121	Mini indicator 12.5mm Top Lifter
30-905-4511	Mini Indicator 5mm Travel Analogue
30-900-1001	Sylvac P5 Transducer Probe

Note: See page 111 and 114 for digital readout options

Bowers Snapmic

The revolutionary Bowers Snapmic shares the best attributes of a high quality digital micrometer and a flexible snap gauge. Its wide application range, adjustable support platen and ingenious snap action enable the rapid and accurate measuring of a wide range of parts.

An adjustable support stand is available to aid the speed of batch part measurement.

As well as its many standard uses the flexible nature of the Bowers Snapmic allows it to be configured to suit a multitude of specialised external measuring applications, the gauge can be supplied with special anvils to facilitate the trouble-free measurement of threads, splines, grooves, etc. The optional sturdy Snapmic stand permits the rapid accurate measurement of batch parts.

WiFi
see p249 for wireless options

RS232

Features

- Measuring range 0-30mm & 30-60mm
- 2 preset memories
- Preset recall
- Zero set
- Max / min / Tolerance / Hold function
- Metric / inch conversion
- Switchable resolution 0.01 / 0.001mm
0.0005 / 0.00005"
- RS-232 output
- Half duplex transmission
- Bench stand available
- 8mm diameter anvils
- Special contact tips available for threads, gear tooth measurement, splines, grooves etc
- Adjustable backstop
- Repeatability: 1µm / 0.00005"



ACCESSORIES

Code No	Description
EST0001	Stand

BOWERS SNAPMIC

Code No	Range (mm)	Resolution (mm)	Flatness (µm)	Parallelism (µm)	Accuracy (µm)
EIM030M	0-30	0.001	0.3	1.0	4
EIM060M	30-60	0.001	0.6	2.0	5

Analogue Snap Micrometer

Features

- Measuring range 0-25mm & 25-50mm
- Retractable anvil with an indicator for precise measurement of mass produced parts
- Micrometer accuracy 0.003mm
- Indicator accuracy 0.001mm



ANALOGUE SNAP MICROMETER

Code No	Range (mm)	Resolution (mm)	Indicator Range
MW290-01	0-25	0.001	+/- 0.04mm
MW290-02	25-50	0.001	+/- 0.04mm