

Technical Data

Graduations:	0.005 mm, 0.001 mm* or .0001"
Spindle pitch:	1 mm
Spindle face:	Flat (hardened) or spherical with carbide tip (more than HRA90), lapped surface
Scale surface:	White anodized aluminium
* Vernier reading	

Micrometer Heads for Toolmakers' Microscopes (and Profile Projectors)

SERIES 152 – Micrometer Heads for XY Stages

152-390, 152-389, 152-391, 152-392

- Non-rotating spindle device is provided.
- The thimble reading can be zero-set at any spindle position (floating sleeve).
- Black and red figures of the bidirectional graduation allow easy reading in both directions.
- Clamping stem diameter: 18 mm.

152-401, 152-402

- The adjustable sleeve can be rotated under the thimble clamped at any reading, allowing easy reference point setting.
- The spherical measuring face is carbide tipped.
- Clamping stem diameter: 18 mm.



152-390

Metric					
Code No.	Graduation	Range	Accuracy	Remarks	Price
152-390	0.005 mm	25 mm	±2 µm	for X-axis	£154.00
152-389	0.005 mm	25 mm	±2 µm	for Y-axis	£154.00
152-402	0.001 mm*	25 mm	±2 µm	for X-axis	£337.00
152-401	0.001 mm*	25 mm	±2 µm	for Y-axis	£337.00

* Obtained by using vernier.

Inch					
Code No.	Graduation	Range	Accuracy	Remarks	Price
152-391	.0001"	1"	±.0001"	for X-axis	£154.00
152-392	.0001"	1"	±.0001"	for Y-axis	£154.00

Technical Data

Resolution:	.00005" / 0.001 mm
Display:	LCD
Battery:	SR44 (2 pcs.), 938882
Battery life:	Approx. 1.8 years in normal use

Function

Zero-setting, data hold, data output, preset, inch/mm reading (inch/mm models)
Alarm: Low voltage, counting value composition error

Optional Accessories

959149:	SPC data cable (1 m) £34.60
959150:	SPC data cable (2 m) £39.40

SERIES 164 – Digimatic Micrometer Heads for XY Stages

- Large LCD digits for error-free reading.
- The display rotates 330° for use as an X or Y readout.
- Non-rotating spindle.
- With SPC data output.

164-164



Inch/Metric	
Code No.	164-164
Resolution	.00005" / 0.001 mm
Range	2" / 50 mm
Accuracy	±.00015"
Price	£632.00