

INTERNAL MICROMETERS/MICROMETER HEADS

Mitutoyo Interchangeable Rod Type (Stick Micrometers)

Series 141

Lightweight, well balanced and rigid. Satin chrome finish with hardened, ground and lapped measuring screw. Each micrometer of <300mm (12") is supplied with handle to reach into deep holes. The set also includes spacing collar, a series of precision measuring rods and a dull chrome plated micrometer head. Spacing collars designed for making up for the limited stroke of the micrometer head. Each rod marked with length. Easily reset - adjustment positive and permanent. High grade steel anvil, hardened, precision ground, micro-lapped and adjustable. Spanner wrench supplied with each micrometer.

Accuracy:

Instrument error: $\pm(6+L/50)\mu\text{m}$.
L = maximum measuring length.



UKAS
Calibration
Service
Available

Metric Sets - Graduated: 0.01mm

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Product Number	Range (mm)	Head Stroke	No. of Rods	Spacing Collar	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
141-101	25-50	7	2	6	60g	-1761A	£84.90	£74.71
141-205	50-200	13	6	12	180g	-1763C	£136.00	£119.68
141-206	50-300	13	10	12	390g	-1764D	£182.00	£160.16
141-117	200-500	25	3	25.50	520g	-1770A	£200.00	£176.00
141-118	200-1000	25	8	25.50	1940g	-1771B	£299.00	£263.12

Inch Sets - Graduated: 0.001"

Product Number	Range	Head Stroke	No. of Rods	Spacing Collar	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
141-102	1 - 2"	.025"	2	.25"	60g	-1762B	£84.90	£74.71
141-208	2 - 8"	.50"	6	.50"	180g	-1765E	£136.00	£119.68
141-233	2 - 12"	.50"	10	.50"	390g	-1776H	£182.00	£160.16
141-121	8 - 20"	1"	3	1, 2"	520g	-1772C	£200.00	£176.00
141-122	8 - 40"	1"	8	1, 2"	1940g	-1773D	£299.00	£263.12

Mitutoyo Mini Micro Head

Series 148



The smallest micro-heads available from Mitutoyo. They are usually built into tools and instruments to enable the fine adjustment of small linear distances. Measuring face hardened. Without ratchet stop.

Accuracy: $\pm 5\mu\text{m}$.

Resolution: 0.01mm (.001").

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Product Number	Range	Resolution	Face Dial	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
148-201	6.5mm	0.01mm	3.5mm		-2000A	£39.00	£34.32

Micrometer Heads

Series 148



Standard end, spherical end and reverse reading.

Accuracy: metric: $\pm 2\mu\text{m}$.

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Metric - Resolution: 0.01mm

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Product Number	Type	Range	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
148-503	Standard	13mm	40g	-2017W	£40.80	£35.90
148-504	End	13mm	40g	-2018X	£47.40	£41.71
148-853	Spherical	13mm	40g	-2042C	£42.80	£37.66
148-854	End	13mm	40g	-2043D	£49.00	£43.12

Tubular Extension Micrometers - Pipe Type

Series 139

Each set consists of inside micrometer head and a series of extension pipes of different length, which are hardened, ground, micro-lapped and heat insulated. Satin chrome finished head with positive locking clamp and carbide measuring faces.

Accuracy:

Micrometer head stroke: 25mm (1").

Resolution: 0.01mm (.001").

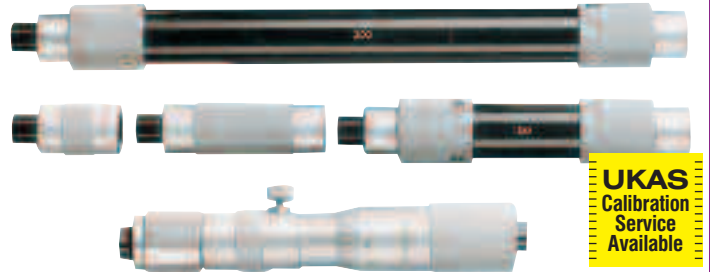
Instrument error:

$\pm(3+\text{qty of rod} + L/50)\mu\text{m}$.

L = Maximum measuring length.



Group 331



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Metric

Product Number	Range	Number of Rods	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
139-173	100 - 500	4	490g	-1635A	£419.00	£368.72
139-174	100 - 900	5	790g	-1636B	£467.00	£410.96
139-175	100 - 1300	6	1090g	-1637C	£545.00	£479.60
139-176	100 - 1700	7	1390g	-1638D	£632.00	£556.16
139-177	100 - 2100	8	1690g	-1639E	£690.00	£607.20

Inch

Product Number	Range	Number of Rods	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
139-178	4 - 20"	4	490g	-1640F	£419.00	£368.72
139-179	4 - 36"	5	790g	-1641G	£467.00	£410.96
139-180	4 - 52"	6	1090g	-1642H	£545.00	£479.60
139-181	4 - 68"	7	1390g	-1643J	£632.00	£556.16
139-182	4 - 84"	8	1690g	-1644K	£690.00	£607.20

Mitutoyo Micrometer Heads

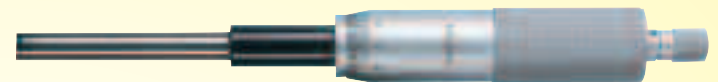
Series 150

Spindle diameter: 6.35mm - tungsten carbide tipped.

Spindle housing diameter: 10mm.

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Spindle pitch: 1mm/.025mm.

Main body diameter: 18mm.

Overall length: 109mm.

Accuracy (full scale): metric: $\pm 2\mu\text{m}$, inch: ± 0.0001 ".

Metric

(1) Complete with set nut. (2) = Spherical tip.

Product Number	Range	Resolution	Weight each	Order Code MIT-325	List Price/1	Offer Price/1
150-191	25mm ⁽¹⁾	0.01mm	90g	-2201B	£38.30	£33.70
150-192	25mm	0.01mm	90g	-2202C	£38.30	£33.70
150-801	25mm	0.01mm	90g	-2250A	£39.00	£34.32
150-802	25mm ⁽²⁾	0.01mm	90g	-2251B	£40.60	£35.73

OXFORD PRECISION Micrometer Head

Spherical Face

Supplied with setting keys.



Spindle diameter: 5mm.

Spindle housing diameter: 9.5mm.

Main body diameter: 14mm.

Accuracy: 0.004mm.

Range: 0 - 13mm.

Resolution: 0.01mm.

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Range	Resolution	Weight each	Order Code OXD-335	List Price/1	Offer Price/1
0 - 13mm	0.01mm		-8200K	£45.73	£34.30