



Renishaw MH20i Manual Probe Head

Category: Renishaw Manual Probe Head

MH20i Manual indexable probe head that combines the TP20 kinematic stylus module mount with two axis indexing, enabling flexible stylus changing and repeatable probe re-orientation.

The A-axis rotates through $\pm 180^\circ$ in the X-Y plane. The B-axis rotates through 90° in the Z plane. A lever locks the head in one of up to 168 repeatable positions, set at 15° increments.

The head is capable of carrying the full range of TP20 modules, which can be changed without re-qualification, providing qualification has taken place in each position with each stylus / module combination.

Length	61 mm
Diameter	48 mm
Weight	210 g
Probe mounting	TP20 kinematic mount
Head mounting	MS range of shanks
Suitable interface	PI 200-3
Number of probe sockets	1
Probe status indication	1 LED
Cable connection	5 pin DIN 180° socket
A-axis indexing	0° to 90° in 15° repeatable steps
B-axis indexing	180° in 15° repeatable steps
Repeatability of position	1.5 μm (0.00006 in) (TP20 and 10 mm stylus fitted) 2.5 μm (0.0001 in) (EM2 extended module and 10 mm stylus)
Maximum extension bar	EM2 extension module - 75 mm (2.95 in)