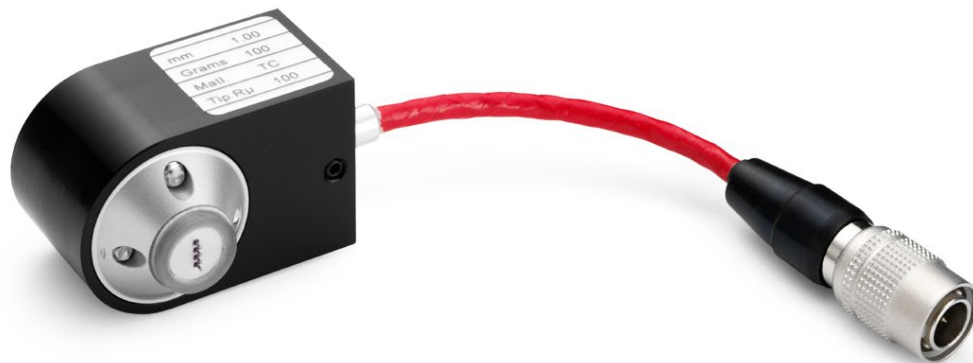


# Jandel Engineering Limited



## Miniature cartridge probe head with 6-32/M3 mounting holes (suitable for use on AIT equipment)

**Jandel Engineering Limited** manufactures the miniature cartridge probe head for use on AIT equipment. The mounting holes also make this probe suitable for use where the customer wants to manufacture their own probe holder. As standard, the holes on the top are tapped M3 and the holes at the back are tapped 6-32. All holes can be made 6-32 or M3 on request.

This probe head is very similar to the miniature cartridge probe with mounting key for use on older Napson equipment or Kokusai equipment; therefore care should be taken not to confuse the two. If in doubt, please contact us.

All Jandel probes are built to a high level of mechanical accuracy. Specifications for radii, spacing and planarity are verified by video inspection system and optical interferometer. Loads are verified by electronic force gauge. Each probe has upper and lower jewelled needle guides.

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Probe spacing	0.635mm, 1.00mm, 1.591mm (needle to needle)
Tolerance	+/- 10 microns
Arrangement	Linear array only
Needles	Tungsten Carbide 0.4mm diameter (0.3mm diameter for close spacing)
Radii	12.5, 25, 40, 100, 150, 200, 300, 500 microns
Retraction to pad	0.5mm
Planarity	+/- 0.025mm or better
Loads	Fixed between 10g and 200g
Electrical leakage	$10^{13}$ ohms resistance between needles at 500 volts

*If you require any further information on the Jandel miniature cartridge probe with 6-32/M3 mounting holes, please do not hesitate to contact us using the details below.*