

# Jandel Engineering Limited



## Cartridge probe with 4-pin connector mounting (Suitable for use on Napson equipment)

*Jandel Engineering Limited* manufactures the cartridge probe with 4-pin connector for use on Napson equipment or older Keithley-Omega equipment.

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 jeweled needle guides.

<i>Probe spacing</i>	0.500mm, 0.635mm, 1.00mm, 1.27mm, 1.591mm (needle to needle)
<i>Tolerance</i>	+/- 10 microns
<i>Arrangement</i>	Linear or square array
<i>Needles</i>	Tungsten carbide 0.4mm diameter (0.3mm diameter for close spacing)
<i>Needle option</i>	50% Osmium alloy tips are available
<i>Radii</i>	12.5, 25, 40, 100, 150, 200, 300, 500 microns
<i>Retraction to pad</i>	0.5 mm
<i>Planarity</i>	+/- 0.025mm or better
<i>Loads</i>	Fixed between 10g and 250g
<i>Electrical leakage</i>	10 <sup>13</sup> ohms resistance between needles at 500 volts

*If you require any further information on the Jandel Cartridge probe with 4-pin connector please do not hesitate to contact us using the details below*

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