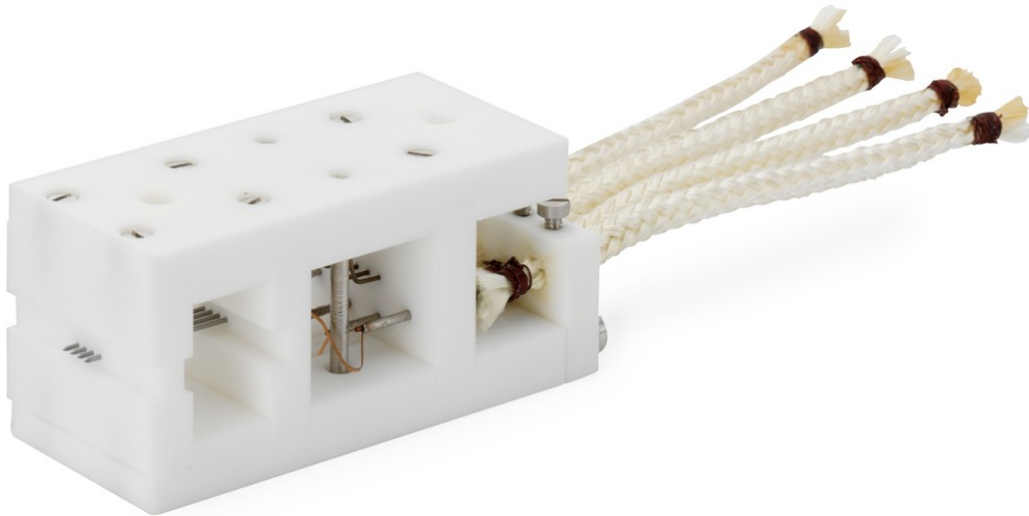


## Macor Probe (Suitable for use at high/low temperatures)

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 **JANDEL**



**Jandel Engineering Limited** manufactures the Macor probe for use at high or low temperatures. The range the probe can be used in an oven is approximately 80K to 600K. If the sample only is heated the probe can be used for measurements up to 1000K although prolonged contact with the sample should be avoided.

If a more limited range is suitable then consideration can be given to an adjusted version of the Jandel Cylindrical Probe which can be used at temperatures from 80K to 500K.

Please note that the Macor Probe is not jewel guided.

## Macor Probe (Suitable for use at high/low temperatures)

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<b><i>Probe spacing</i></b>	<b>1.00mm, 1.27mm, 1.591mm (needle to needle)</b>
<b><i>Tolerance</i></b>	<b>+/- 20 microns</b>
<b><i>Arrangement</i></b>	<b>Linear array only</b>
<b><i>Needles</i></b>	<b>Tungsten carbide 0.4mm diameter</b>
<b><i>Needle option</i></b>	<b>50% Osmium alloy tips are available</b>
<b><i>Radii</i></b>	<b>12.5, 25, 40, 100, 150, 200, 300, 500 microns</b>
<b><i>Retraction</i></b>	<b>0.5 mm</b>
<b><i>Planarity</i></b>	<b>+/- 0.025mm or better</b>
<b><i>Loads</i></b>	<b>Fixed between 100g and 200g</b>
<b><i>Electrical leakage</i></b>	<b>10<sup>13</sup> ohms resistance between needles at 500 volts</b>

***If you require any further information on the Macor probe please do not hesitate to contact us using the details below***