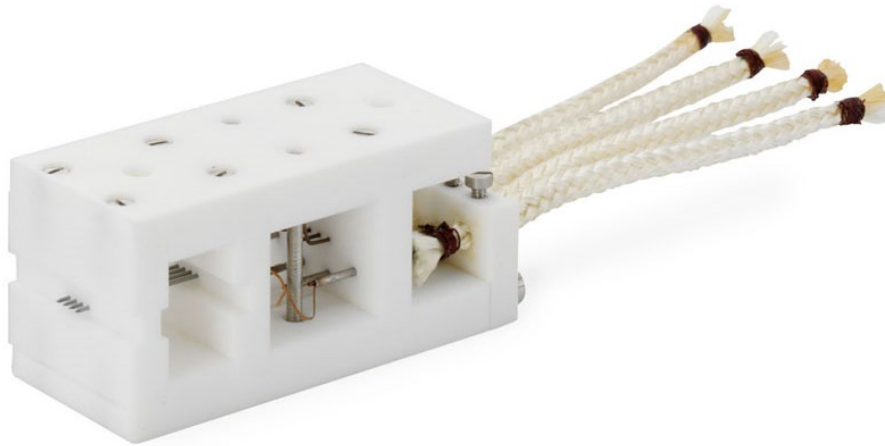


Jandel Engineering Limited



Macor probe head (suitable for use at high/lower temperatures)

Jandel Engineering Limited manufactures the macor probe head 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 head which can be used at temperatures from 80K to 500K.

Please note that the macor probe head is not jewel guided.

Probe spacing	1.00mm, 1.591mm (needle to needle)
Tolerance	+/- 20 microns
Arrangement	Linear array only
Needles	Tungsten Carbide 0.4mm diameter
Radii	12.5, 25, 40, 100, 150, 200, 300, 500 microns
Retraction to pad	0.5mm
Planarity	+/- 0.025mm or better
Loads	Fixed between 60g and 200g
Electrical leakage	10^{13} ohms resistance between needles at 500 volts

If you require any further information on the Jandel macor probe, please do not hesitate to contact us using the details below.