

Operating Temperature Ranges – Board Test Probes

Smiths Board Test Probes are used in various testing environments including temperature.

Probe selection is important to ensure it will function properly and meet user expectations. The operating temperature range for Board Test probes is dependent on the spring material. Smiths uses BeCu, Music Wire, and Stainless Steel springs. Below is a table that will help users select the best material for their application:

Material	Min.	Max.	
		<1 Hour	Continuous
BeCu	-55 Deg C	205 Deg C	120 Deg C
Music Wire	-55 Deg C	120 Deg C	85 Deg C
Stainless Steel	-55 Deg C	260 Deg C	180 Deg C

On our website at each Board Test Probe page, the spring material is identified at each force option. By selecting a force and material, users can know what temperatures Smiths probes will withstand.

Contact us thru www.smithsinterconnect.com for questions and help.

All of our catalogued Board Test Products are available at:

www.mouser.com

www.alliedelc.com

Regards,

Smiths Technical Team