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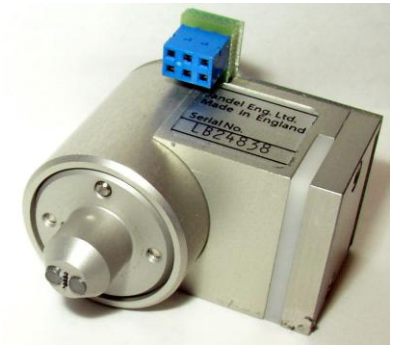
CT6 Four Point Probe Head for use
With KLA-Tencor / Prometrix Systems

JANDEL ENGINEERING LTD **manufactures a version of the CT6 four point probe for use with systems manufactured by KLA-Tencor and systems formerly sold under the Prometrix brand name. All CT6 probes have a 1" diameter body, are 1.6" high (25.4mm x 41mm high), and weigh 55g. All Jandel probes including the CT6 models are built to a high level of mechanical accuracy. Specifications for radii, spacing, and planarity are verified by video inspection system and/or interferometer. Loads are verified by electronic force gauge. Each needle is fitted with both an upper and lower jeweled needle guide. Additional information about probe quality can be found here: Probe App Notes**

KLA-Tencor/Prometrix Probe Types

Probe Type	Tip Radii	Spring Load	Material	Tip Spacing
A	1.6 mils	100gr	TC	40 mils
B	4.0 mils	100gr	TC	40 mils
C	8.0 mils	100gr	TC	40 mils
D	20.0 mils	100gr	TC	40 mils
E	1.6 mils	200gr	TC	62.5 mils
F	1.6 mils	100gr	TC	25 mils
G	4.0 mils	100gr	TC	25 mils
H	8.0 mils	100gr	TC	25 mils



Notes:
Needle projection for KLA-Tencor/Prometrix type probes is 0.25mm.

Probes for KLA-Tencor/Prometrix are not shipped pre-conditioned. Jandel maintains that probe tip conditioning is best performed on the system that it is to be used on.

Jandel can build KLA-Tencor/Prometrix type probes in a “vertical” version with the linear array perpendicular to the usual alignment. KLA-Tencor/Prometrix type probes are available in a square array with the tips spaced as close as 0.635 mm (25 mils) apart (however, not available with 0.5mm spacing in the square array). The square array and vertical array options do not affect the pricing of the probe. Probes with the square array gives half the signal voltage compared with linear array probes. Upon request, Jandel can supply KLA/Tencor (Prometrix) probes with the close needle spacing of 20 mils (0.5 mm), i.e., the Close-Spacing Probe.

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