



"performance by design"

Closed Cycle Micro-Manipulated Probe System

Multiple Probing of Wafers



**No Liquid Helium or
Nitrogen Required!
A truly efficient and
cost effective system!**

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Closed Cycle Micro-Manipulated Probe Work Station

Cryo Industries' Micro-Manipulated Probe Station requires no liquid cryogenics! Making this workstation an efficient and cost effective option for multiple wafer probing. These systems are most commonly used in superconductivity, nanoscale electronics, superconductivity, quantum wires and dots.

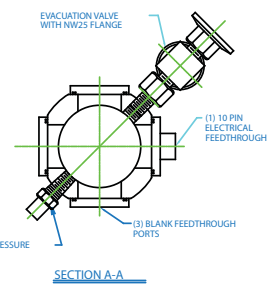
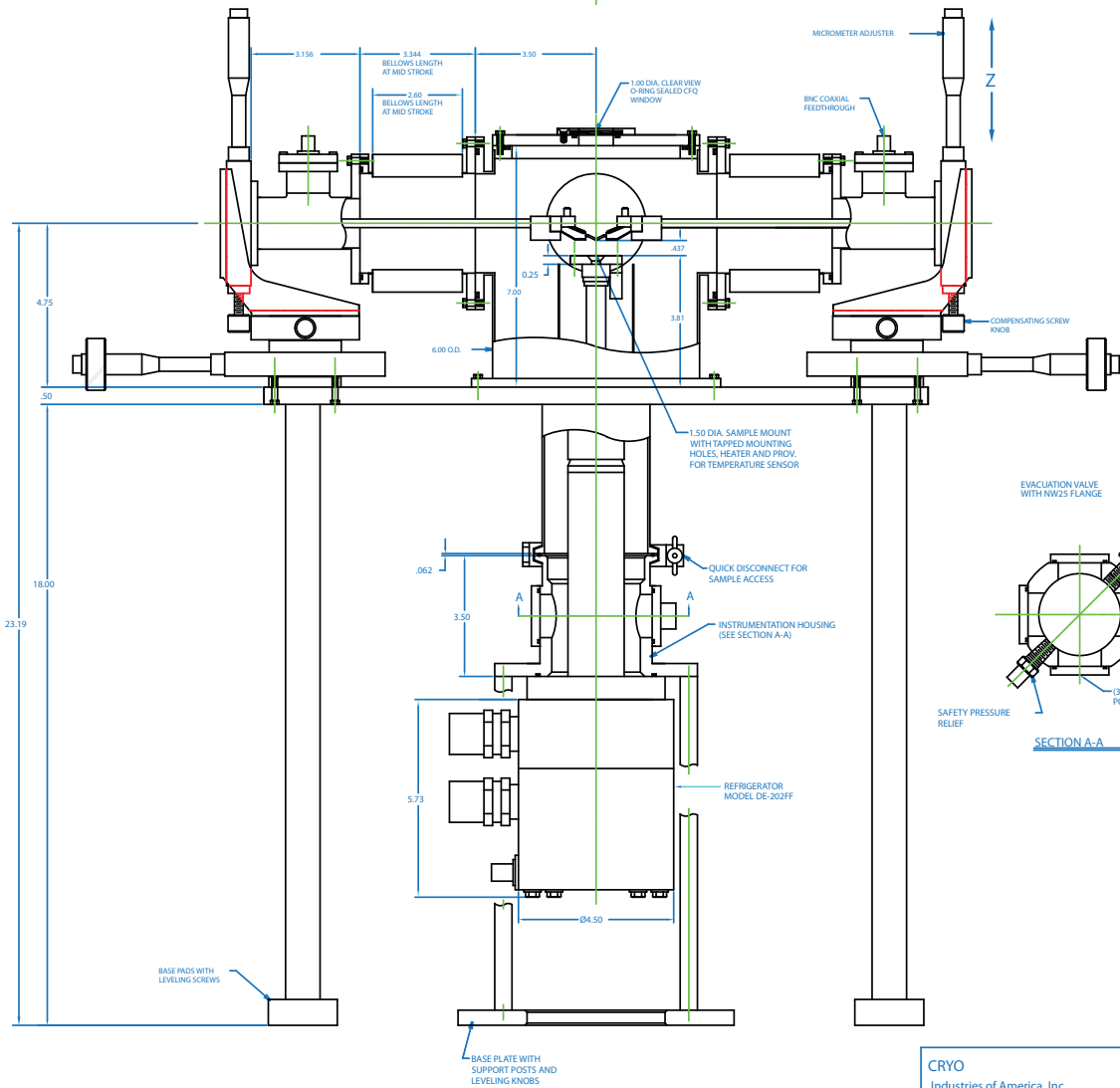
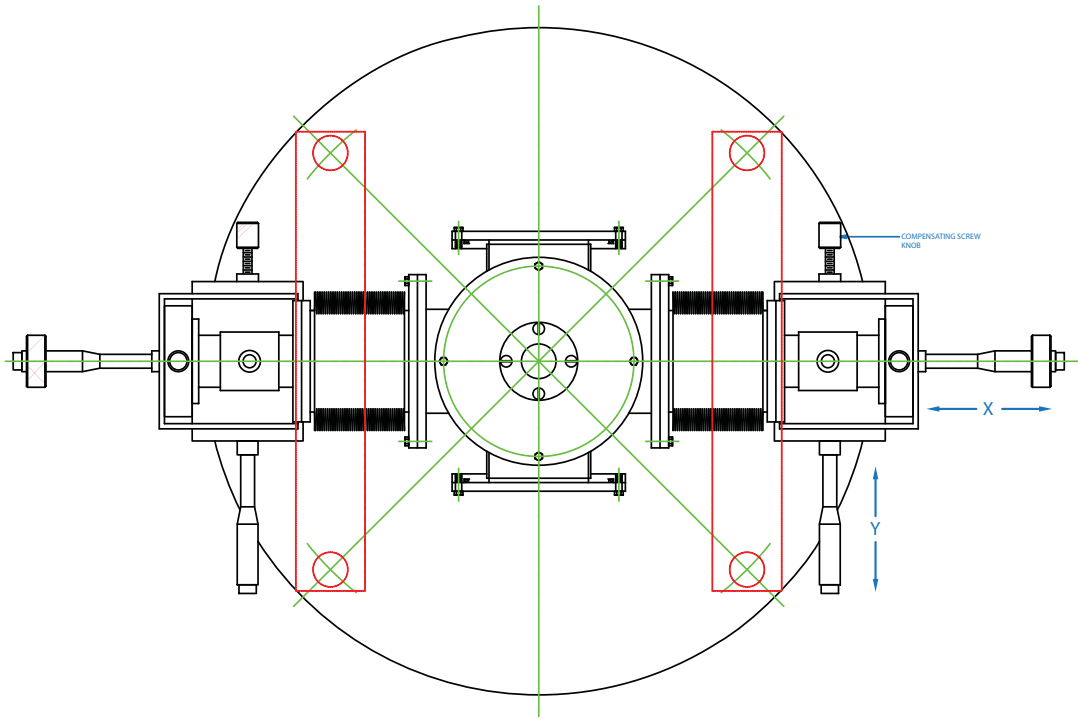
The workstation is cooled by either a 4 K or 10 K, two-stage Gifford-McMahon refrigerator. The system is designed to provide vibration stability, making it an excellent low vibration workstation for wafer probing.

Cryo's Micro-Manipulated Probe Stations are customizable, with a wide array of options that include sample holders, probes and cables. A system can be custom designed to meet any specifications.



Closed Cycle Micro-Manipulator Probe Workstation Features:

- Closed cycle refrigerator provides cooling power from 4 K to 350 K (with option to extend temperature range to 50 K to 475 K)
- All stainless steel vacuum chamber
- Top optical view port
- Up to (6) side stations
- Silicon diode sensor installed on sample mount
- Support Stand
- Base cryogenic station
- Heater installed on cryostat cold finger



CRYO Industries of America, Inc.		DWG. NO. CMP-2318-202	
TITLE: CLOSED CYCLE REFRIGERATOR MANIPULATOR PROBE STATION	DWN. BY: GJS	SCALE: NTS	REV. DATE BY
CHKD. BY: OC	DATE: 12-3-07		