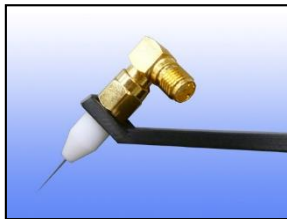


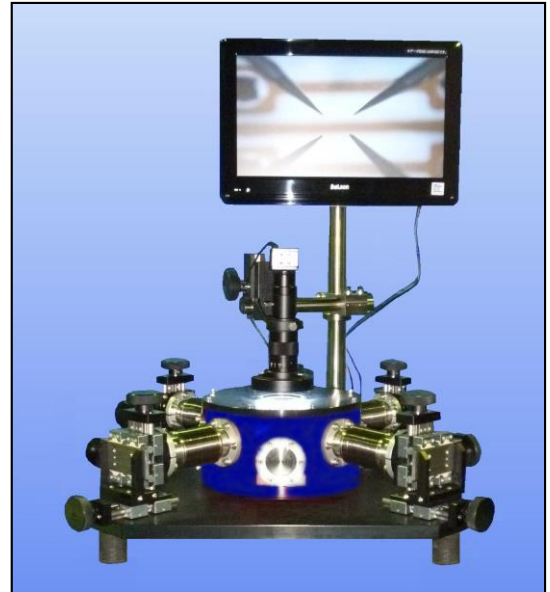
Liquid Nitrogen Probing System

Model: KREUS-LN2-PS

- ▶ Compact LN2 Cryostat
- ▶ 30mins to the order of 80K
- ▶ LN2 Capacity : ~ 1000ml
- ▶ Insulated Sample Mount
- ▶ Vacuum Range : ~ 10^{-4} Pa
- ▶ Probe Needle Exchangeable
- ▶ Temperature adjustment is easy
- ▶ 50W Control Heater



Probe Needle is exchangeable.
Can hold probes with shank diameter 0.5mm



(Vacuum Type)

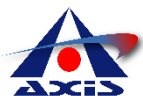
■ Specifications

Temp, Range	: 80K ~ 500K
Sample Size	: 20mm × 20mm
Feed through	: 4 BNC Connectors
Probe Stroke	: X±25mm、Y, Z±15mm
Probe Number	: 4 Manipulators
System Size	: □550mm xH476mm

* Specifications may change without notice

■ Construction

1. Vacuum Probe Chamber
2. LN2. Cryostat
3. Temperature Sensor & Controller
4. 4 Probe Manipulators
5. CCD Camera & Mono Scope
6. LCD Monitor
7. System Stand



AXIS Corporation

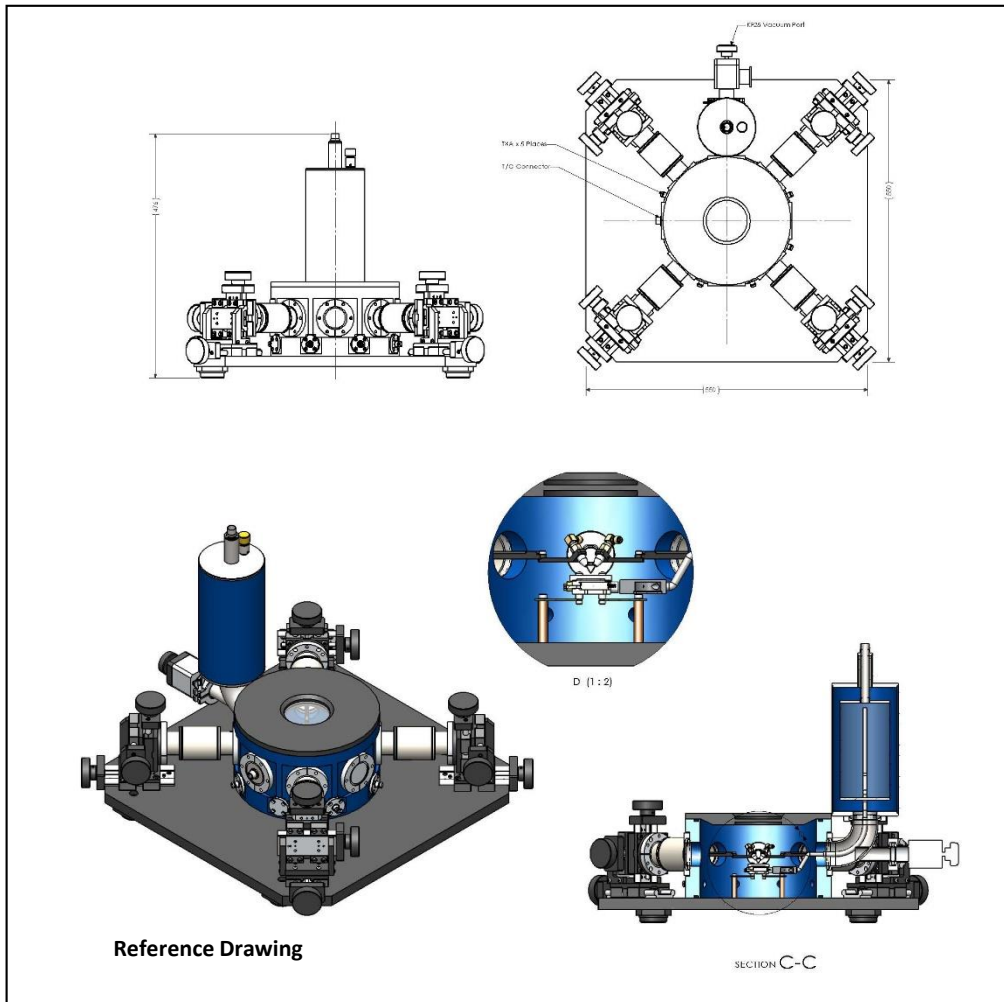


Kreus Design Inc.

646-2 Sasagi Tsukuba Ibaraki 305-0043 JAPAN
TEL 029-849-2220 FAX 029-849-2221
info@axj.co.jp http://axj.co.jp

2393 Welcher Ave., unit 302
Port Coquitlam, British Columbia V3C 1X6
Tel :+1 604 945 6639; Fax: +1 604 229 6156
e-mail: epistle@kreus.com

Please contact our office for sales inquiry



◇ Options

1. Sample Load lock
2. Sample Transfer Box
3. Bias Measurement Unit (~100V)
4. Ultra Low Noise Application ($< \pm 1\text{pA}$)
5. High Vacuuming System
6. Convection Vacuum Gauge ($\sim 10^{-4}\text{Torr}$)
7. Probe Side Monitor (CCD Microscope & Monitor)
8. Tungsten Probe Needle
9. Gold Plated BeCu Probe Needle
10. Tungsten Ultra Thin Probe Needle
11. Soft Contact Dumper
12. BNC/Triaial/SMA Adopter Connectors