

Probe stations family

Overview

Model	Magnet field	Max probe arms	Standard temperature range	Optional high temperature	Optional low temperature	Max sample size	Vacuum	Sample stage rotation
Cryogen-free cryogenic probe stations								
CRX-EM-HF	0.6 T horizontal field electromagnet	4	8 K to 400 K	—	—	25 mm (1 in) diameter	10 ⁻⁵ torr	±360° (optional)
CRX-VF	2.5 T vertical field superconducting magnet	6	10 K to 500 K, <10 K to 400 K with load lock	—	—	51 mm (2 in) diameter	10 ⁻⁵ torr standard, 10 ⁻⁷ torr optional	—
CRX-4K	—	6	4.5 K to 350 K	20 K to 675 K	—	51 mm (2 in) diameter	10 ⁻⁵ torr	—
CRX-6.5K	—	6	<10 K to 350 K	20 K to 675 K	—	51 mm (2 in) diameter	10 ⁻⁵ torr	—
Cryogenic probe stations								
FWPX	—	6	4.5 K to 475 K	—	3.5 K	102 mm (4 in) diameter	10 ⁻⁵ torr	±5°
EMPX-H2	0.6 T horizontal field electromagnet	4	4.5 K to 400 K; 8 K to 400 K with 360° rotation option	—	3.2 K	25 mm (1 in) diameter	10 ⁻⁵ torr	±360° (optional)
CPX-HF	1 T horizontal field superconducting magnet	4	4.2 K to 400 K	—	2 K	25 mm (1 in) diameter	10 ⁻⁵ torr standard, 10 ⁻⁷ torr optional	±5°
CPX-VF	2.5 T vertical field superconducting magnet	6	4.2 K to 400 K, <10 K to 400 K with load lock	—	2 K	51 mm (2 in) diameter	10 ⁻⁵ torr standard, 10 ⁻⁷ torr optional	±5°
CPX	—	6	4.2 K to 475 K, <10 K to 400 K with load lock	20 K to 675 K Cannot be used with load-lock sample assembly	Low temp: 1.9 K Very low temp: 1.6 K	51 mm (2 in) diameter 12.7 mm (0.5 in) with load-lock	10 ⁻⁵ torr standard, 10 ⁻⁷ torr optional	±5°
TTPX	—	6	4.2 K to 475 K	20 K to 675 K	3.2 K	51 mm (2 in) diameter	10 ⁻⁵ torr	—
PS-100	—	4	4.2 K to 475 K	20 K to 675 K	3.2 K	32 mm (1.25 in) diameter	10 ⁻⁵ torr	—

New: MeasureReady™ Model 155 Precision I/V source

An ultra-low noise, high precision current/voltage source for scientific applications

Model 155 I/V sources are ideal for electronic material characterization and other demanding scientific applications requiring a precise, low-noise supply of current or voltage. Supplying 1 W maximum from DC to 100 kHz over a broad output range, they provide a solid foundation for I/V curve, Hall effect, and other fundamental measurements.

Combined with a quality digital meter such as the Keysight 34420A, the Model 155 I/V source provides greater measurement flexibility and performance when compared to some traditional all-in-one source-measure units (SMUs).



Probe stations family

Overview

Cryogen-free probe stations

Cryogenic probe stations

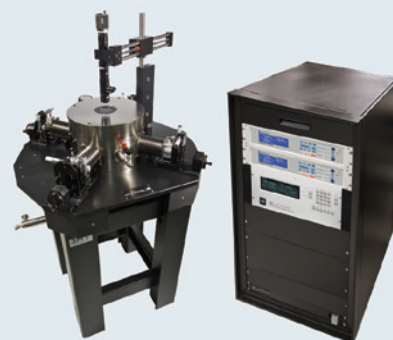
Horizontal field



CRX-EM-HF



EMPX

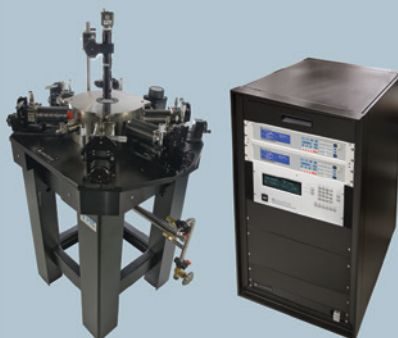


CPX-HF

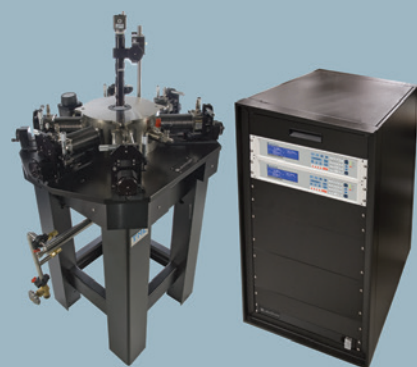
Vertical field



CRX-VF



CPX-VF



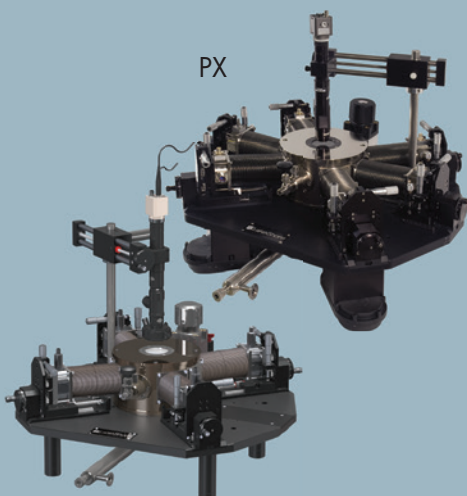
CPX

No field

CRX-6.5K



PX



PS-100



FWPX

CRX-4K

