

Cryostat For Photoluminescence Measurement



Controls samples and temperature freely.

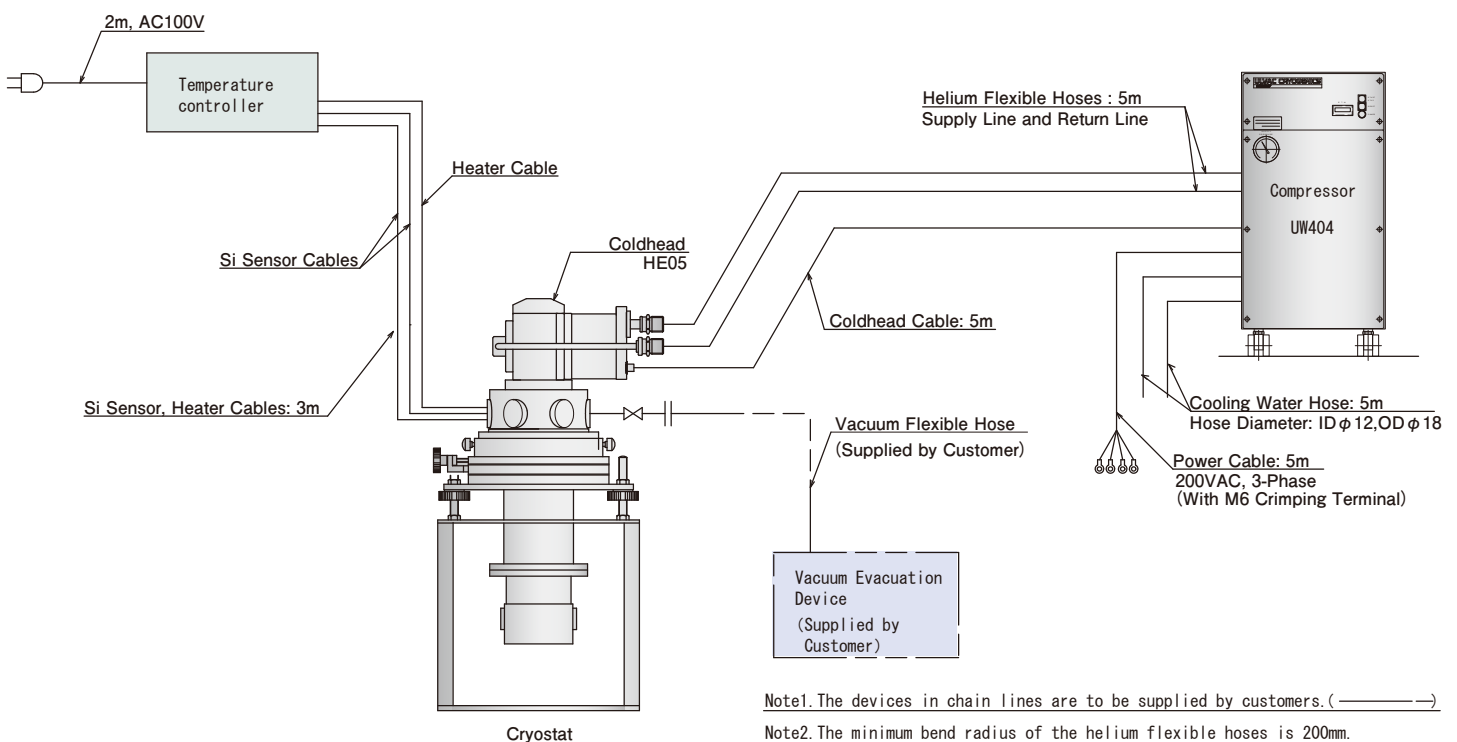
Conventional types of PL measuring instrument can measure the samples of Si, GaAs, etc. only at certain temperature. With this model of Cryostat, you can measure samples at temperatures from ambient to cryogenic while moving samples in X, Y or Z directions.

Specifications

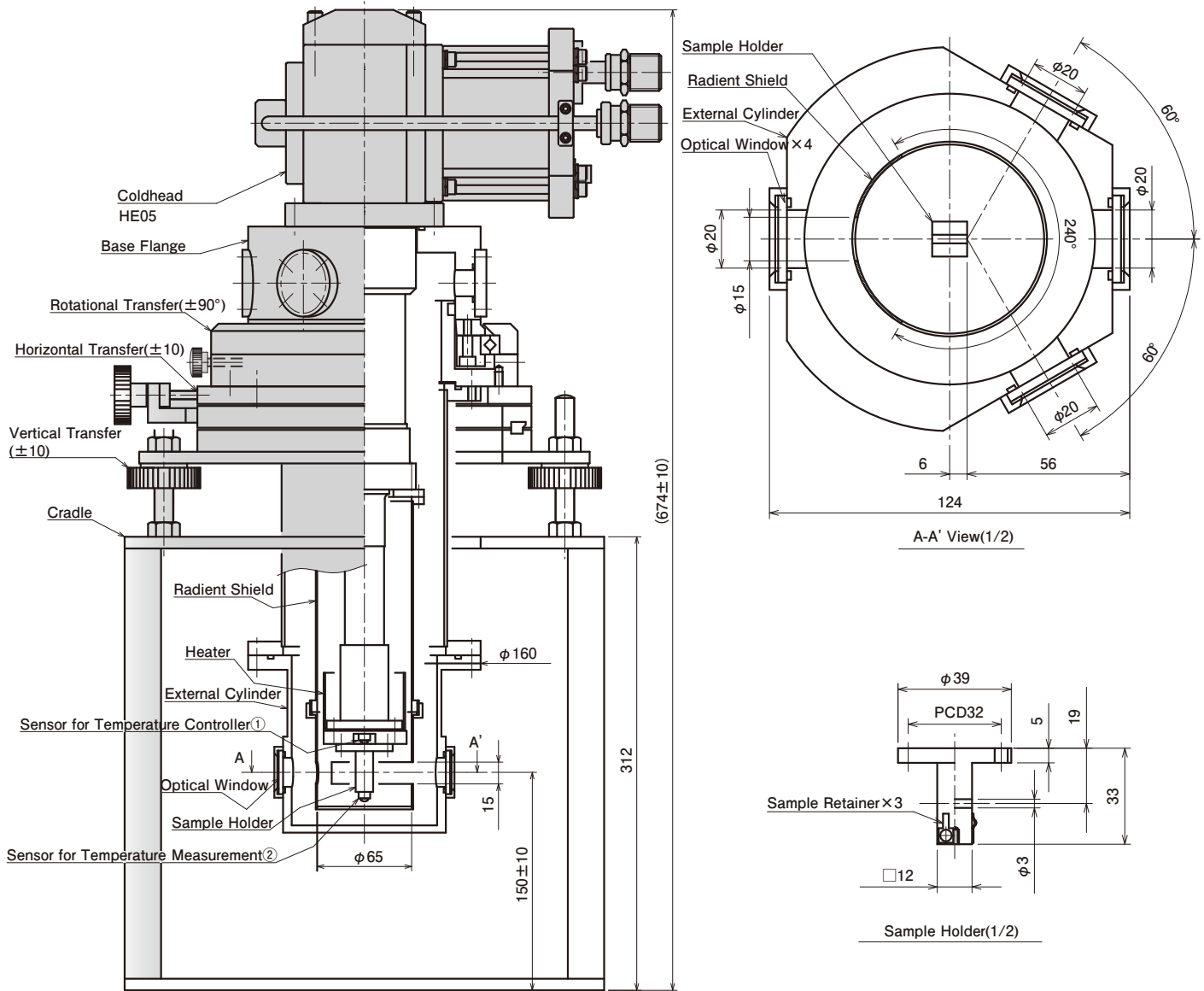
Model	CRT-A020-S200	CRT-C020-S200	CRT-C010-S200
Cryocooler/Compressor	HE05/UW404	D510/SW115	D105/SW112
Ultimate Temperature	4K	12K	12K
Temperature Controllable Range	4K to 300K±0.2K	12K to 300K±0.2K	12K~300K±0.2K
Optical Window Dimensions	●Light Inlet : $\phi 20$ (mm) ●Photoluminescence : $\phi 30$ (mm) ●Reflected Light : $\phi 20$ (mm)		
Sample Dimensions (W) × (D) × (H)	10×10×1t (mm)		
Number of Samples	3		
Accessories	●Evacuation valve ●Heater for temperature control ●XYZ Table ●Cryogenic thermometer (for temperature control / measurement) ●Coldhead rotation system		

*It may vary depending on the operating condition.

Cryostat CRT-A020-S200 System



DIMENSIONS



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