

Cryogenic Current Comparator (CCC)

Specifications

Pulse-tube Cryocooler: Nominally CryoMech Pulse Tube Cryocooler (PT405)

Cooling powers at 50Hz	25W @ 65K, 0.5W @ 4.2K
Base temperature	<3K
Maintenance interval	30,000 hrs (Adsorber change only)
Charcoal absorber life	30,000 hrs
Mains power requirement	4.8 kW, 3-phase
Water cooling	6L/min
Ambient temperature	70C to 380C
Compressor dimensions	W530mm, L580mm, H660mm, 119Kg