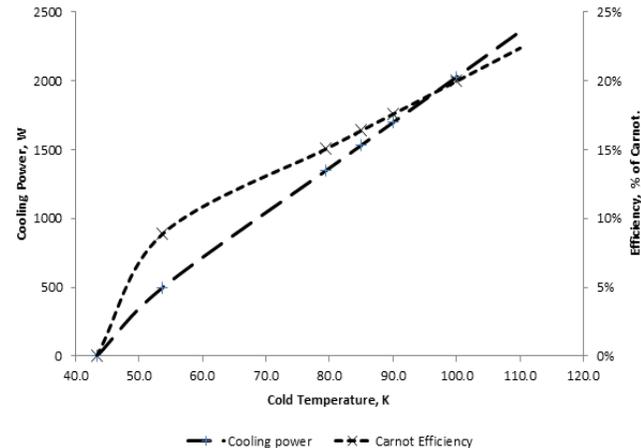


FABRUM SOLUTIONS PULSE TUBE CRYOCOOLERS

Model	PTC1000
Swept volume	1000 cm ³
Power @ 77 K	1300 W
No load temperature	43 K
Motor Power @ 77 K	25 kW
Weight	1300 kg
Dimensions	1.8 (L) x 1.2 (W) x 2.2 (H)
Noise at 3 m	88 dB
Frequency	50/60 Hz
Current rating	63 A
Charge Pressure	25 Bar
Pressure amplitude	5 Bar
Ambient temperature	0-35°C
Heat rejection	Water/Air
Cooling water flow rate (In water cooled configuration)	40 l/min
For closed loop air cooled configuration	
Coolant pump power	1.1 kW
Radiator fan power	1.4 kW

All specifications subject to change. Cooling power are given for water cooled configuration with 15°C water temperature. Dimensions and weights are given for air cooled unit and are subject to dewar configuration

PTC1000 Cooling Curve



NEW ZEALAND

Email: sales@fabrumsolutions.com

Physical Address: 128a Waterloo Road, Hornby, Christchurch 8042

Phone: +64 3 982 2810 or 0508FABRUM

Fax: +64 3 982 2811

UNITED STATES

Email: john@fabrumsolutions.com

Postal Address: PO Box 2263, Malta, New York 12020

FRANCE

Email: sales@fabrumsolutions.com

Physical Address: 5 bis rue du Champlais, 38240 Meylan, France

