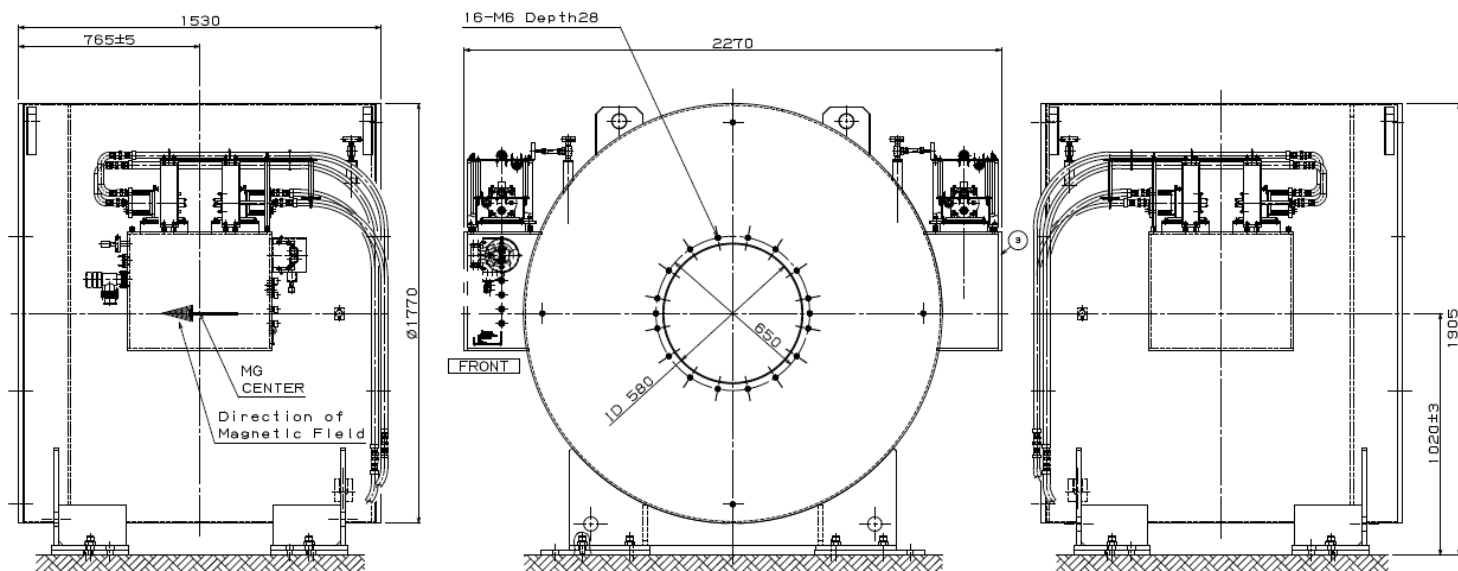


CRYOGEN FREE SUPERCONDUCTING MAGNET JMTD-5T580SSS

Easy operation!
Compact and space saving!



Specifications for Superconducting Magnet

1. Scope of Supply

1-1 The followings are included:

(1)	Superconducting Magnet	1 unit
(2)	Compressor Unit (water cooled type)	4 unit
(3)	Magnet Power Supply	1 unit
(4)	Temperature Indicator	2 unit
(5)	Flex Lines and Electrical Cables	1 set

1-2 The followings are not included

(1)	Vacuum Pump
(2)	Spare Parts
(3)	Passive shield
(4)	Packing & Shipping (Optional)
(5)	Installation, setting, user training (Optional)

2. Specifications

	Model	JMTD-5T580SSS
(1)	Magnet	
	Type	solenoid
	Maximum central field	5 Tesla
	Maximum sweep rate	5 Tesla / 40 minutes
	Field Homogeneity	less than $\pm 3\%$ (@310mm ϕ x210mmH)
	Field skew	less than ± 1 degree (@310mm ϕ x210mmH)
	Initial cool down time from ambient	less than 240h (Case of LN2 use)
	Temperature monitoring points	2 (on coil and HTS Lead)
	Axial 5 Gauss stray field limit from magnet center (w/o passive shield)	4.2 m (approximately)
	Radial 5 Gauss stray field limit from magnet center (w/o passive shield)	2.2 m (approximately)
	Persistent current switch	not applied
(2)	Cryostat	
	Type	cryogen free
	Room temperature bore diameter	580 mm
	Ambient Temperature direction	4-30 degree C

Specifications on this brochure may subject to change without notice

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