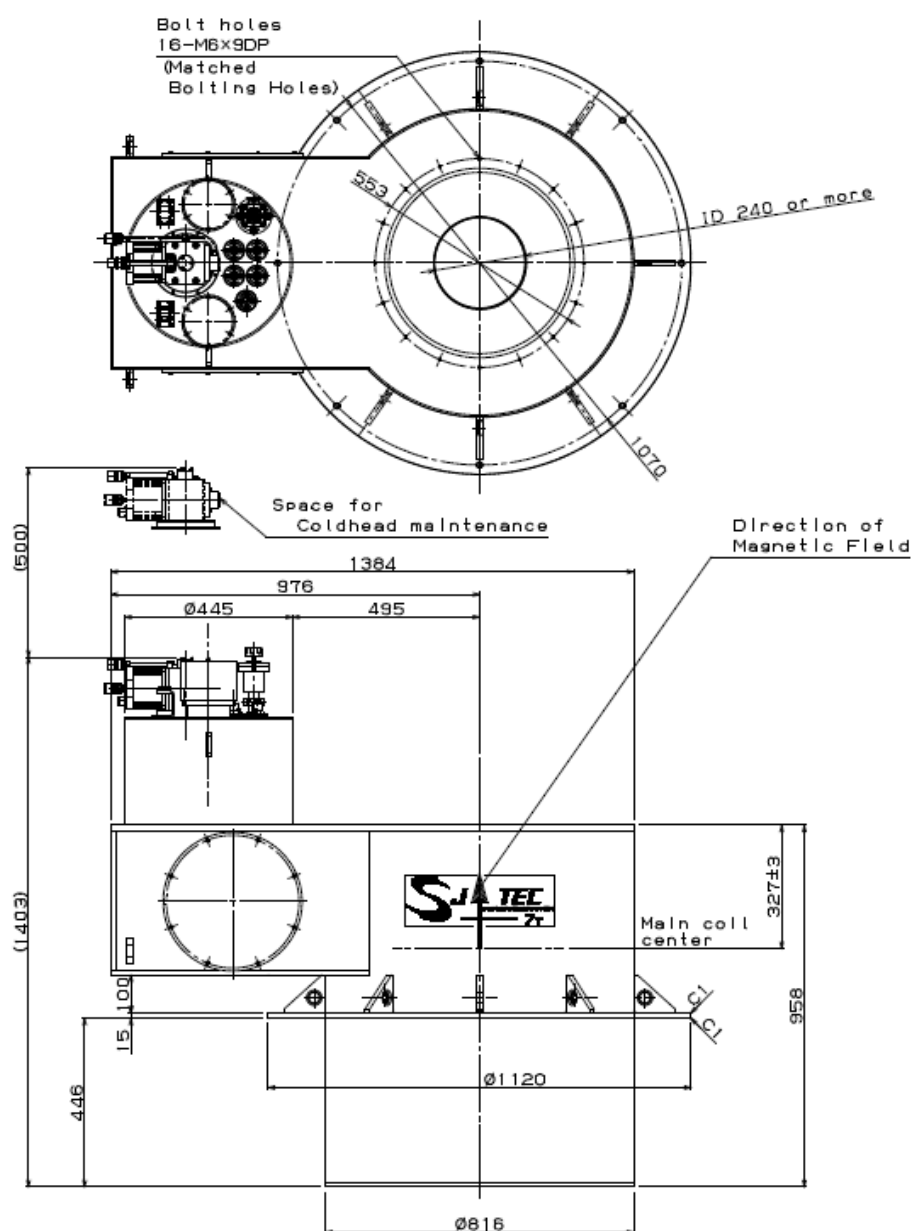


CRYOGEN FREE SUPERCONDUCTING MAGNET

JMTD-7T240

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) | 1 unit |
| (3) | Magnet Power Supply | 2 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-7T240
(1)	Magnet	
	Type	solenoid
	Maximum central field	7 Tesla
	Maximum sweep rate	Main Coil 7 Tesla / 70 minutes
		Axial Coil 10A / 10 minutes
	Initial cool down time from ambient	less than 270h
	Temperature monitoring points	2 (on coil and HTS Lead)
	Axial 5 Gauss stray field limit from magnet center (w/o passive shield)	4.9 m (approximately)
	Radial 5 Gauss stray field limit from magnet center (w/o passive shield)	3.9 m (approximately)
	Persistent current switch	not applied
(2)	Cryostat	
	Type	cryogen free
	Room temperature bore diameter	240 mm
	Ambient Temperature direction	4-30 degree C

Specifications on this brochure may subject to change without notice

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