

Freestanding Turntable – FTF-0.6-0.3



General

The FTF-0.6-0.3 is a freestanding turntable for use in anechoic chambers. Although the FTF-0.6-0.3 is the smallest model of Frankonia's turntable product range, it has numerous remarkable high end features. Due to the use of a multi turn absolute encoder the position of the turntable is always known – this is the end of any initialization run. The optical output is the simplest solution to add a further device, e.g. an antenna mast. The electric polarization unit FSM-EP1 is available as an accessory for the manual antenna masts FSM. Just connect the FSM-EP1 to the FTF-0.6-0.3. The supply is already integrated.

Main characteristics

- Stepper motor with integrated closed loop positioning control and multi turn absolute encoder
- Optical INPUT for connection to positioning controller or computer via fibre optic cables
- Optical OUTPUT for connection to further device e.g. antenna mast
- USB-port (for on-site operation)
- Central aperture \varnothing 55 mm for EUT supply
- Shielded supply for electric polarization unit FSM-EP1

Technical specifications

Diameter	0.6 m or 0.8 m
Weight capacity	300 kg
Height	160 mm incl. (adjustable stand) 152 mm (without stand)
RPM	1/15 to 2 (30 steps)
Angle of rotation	$\pm 360^\circ$
Positioning accuracy	better $\pm 0.5^\circ$
Interfaces	Optical input (remote), F-SMA Optical output (additional device), F-SMA USB (on-site), USB-B 3-pole socket (supply of electric polarization unit FSM-EP1)
Power supply	100 - 240 VAC; 50 / 60 Hz
Weight	39 kg
Accessories	Application software, USB-optical converter, 10 m optical fibre, power supply cable, USB cable