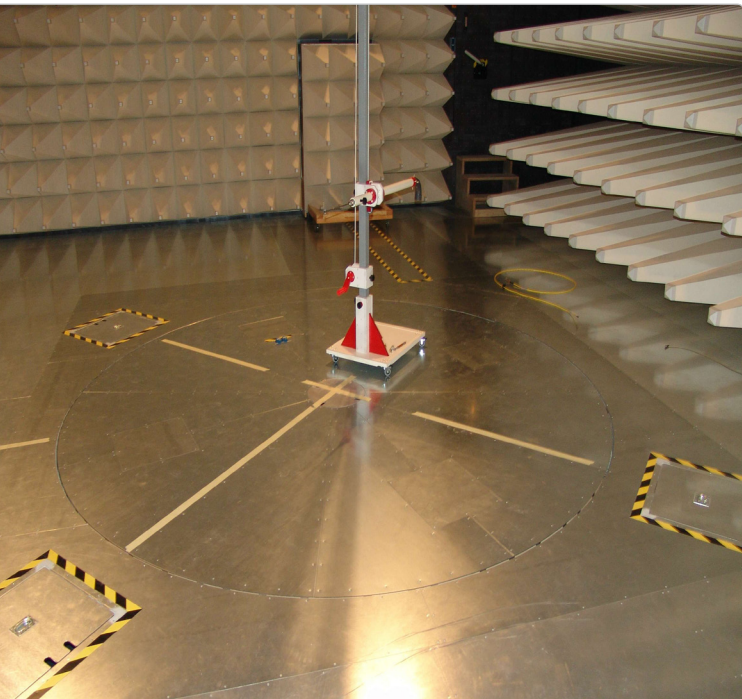


# TURNTABLES – FTM SERIES

Frankonia's wide range of turntables is fully compliant with the EMC chamber environment. The turntables are available in different sizes and can be equipped with various options. The turntables are integrated flush in the raised floor and are surrounded by a conductivity grounding ring to ensure contact with the ground plane of the chamber. In accordance with the height of the raised floor of the chamber, different installation heights are available.

For the control of the turntables series FTM, the Frankonia controller FC06 is perfectly adapted. The interface is GPIB IEEE488.2, and the control is performed via duplex optical fibers.



## Features

- Revolution speed up to 14 m/min, adjustable in 30 steps
- Slewing range from +200° to -200°
- Accuracy of 0.1°/0.2°
- Resolution of 0.1°
- Shielded drive unit
- Variable installation height for integration into raised floor or pit
- Equipped for MIL-STD 461 F

## Options

- Central connection panel (CP) (300 mm), equipped with sockets and set of connectors
- Integrated exhaust system
- Heavyweight turntables
- Customization, e.g., to carry special equipment under the floor
- Integrated energy chain for electric or data line



# TURNTABLES – FTM SERIES

## List of standardized turntables

Our broad product range starts from FTM 1.2-0.5 (x-y) and is adjustable according to customers' specifications.

- x: diameter of the turntable in m
- y: load capacity of the turntable in tons

Turntables – FTM Series				
Technical specification				
Version*	FTM 1.2-0.5	FTM 1.5-1	FTM 2-2	FTM 2-3
Diameter	∅ 1.2 m	∅ 1.5 m	∅ 2.0 m	∅ 2.0 m
Size of square form	2.400 mm x 1.800 mm	2.400 mm x 2.400 mm	3.000 mm x 3.000 mm	3.000 mm x 3.000 mm
Maximum load	0.5 tons	1.0 tons	2.0 tons	3.0 tons
Revolution speed	2.0 rpm	2.0 rpm	2.0 rpm	2.0 rpm
Installation height**	150 mm	150 mm	150 mm/ 300 mm	225 mm
Surface cover plate	Ground plane 2.0 mm made of stainless steel with highly conductivity surrounding contact			

Turntables – FTM Series				
Technical specification				
Version*	FTM 3-2	FTM 3-3	FTM 4-5	FTM 4-10
Diameter	∅ 3.0 m	∅ 3.0 m	∅ 4.0 m	∅ 4.0 m
Size of square form	3.600 mm x 3.600 mm	3.600 mm x 3.600 mm	4.800 mm x 4.800 mm	4.800 mm x 4.8000 mm
Maximum load	2.0 tons	3.0 tons	5.0 tons	10.0 tons
Spot load on a square of 200 mm x 200 mm	0.7 tons	1.0 tons	1.7 tons	3.3 tons
Revolution speed	1.5 rpm	1.0 rpm	1.0 rpm	0.8 rpm
Installation height**	225 mm	320 mm	320 mm/ 600 mm	600 mm
Surface cover plate	Ground plane 2.0 mm made of stainless steel with highly conductivity surrounding contact			

\*Beyond the turntables sizes shown, a wide range of sizes and load capacities can be realized according to customer needs.

\*\*Customized solutions available.