

Spherical Arc SA 7.0 – 10 kg – 0.1

Technical data

Inner radius	7.0 m
Load capability	10 kg
Position accuracy	+/- 0.1°
Position resolution	0.1°
Angle range of slide rail	-5° - 105° (0° is vertical axis of turntable)
Material of antenna boom	aluminium
Material absorber plate	wood
Motor	Servo motor
Rotation drive	Curved linear slides
Control cable	Fibre optic lines
Remote control via	LAN (TCP/IP)
Control cable	Fibre optic lines
Remote control via	LAN (TCP/IP)
Current consumption	max. 16 A
Voltage	110 VAC – 230 VAC, 50 Hz, 1-phase
Recommended RCD	300 mA
Operating temperature	5° C – 30 ° C, the room temperature influences the accuracy of the positioner
Accessories	Interface to FCU/NCD Controller Power supply cable Service manual

Brief description:

The high precision Spherical Arc **SA 7.0 – 10 kg – 0.1** is suitable in electromagnetic absorption chambers.

The structure is made of metal, which can be covered with absorbers.

Antenna adapters for all commercially available antennas are available upon request.

The system has a high precision antenna and DUT/EUT positioner with a very high repeatability.

The **LAN (TCP/IP)** interface provides an additional control option for all functions, when operating with the **FCU/NCD Controller**. Other specifications are available upon on request.



Information presented enclosed is subject to change as product enhancements are made regularly.
Pictures included are for illustration purposes only and do not represent all possible configurations.