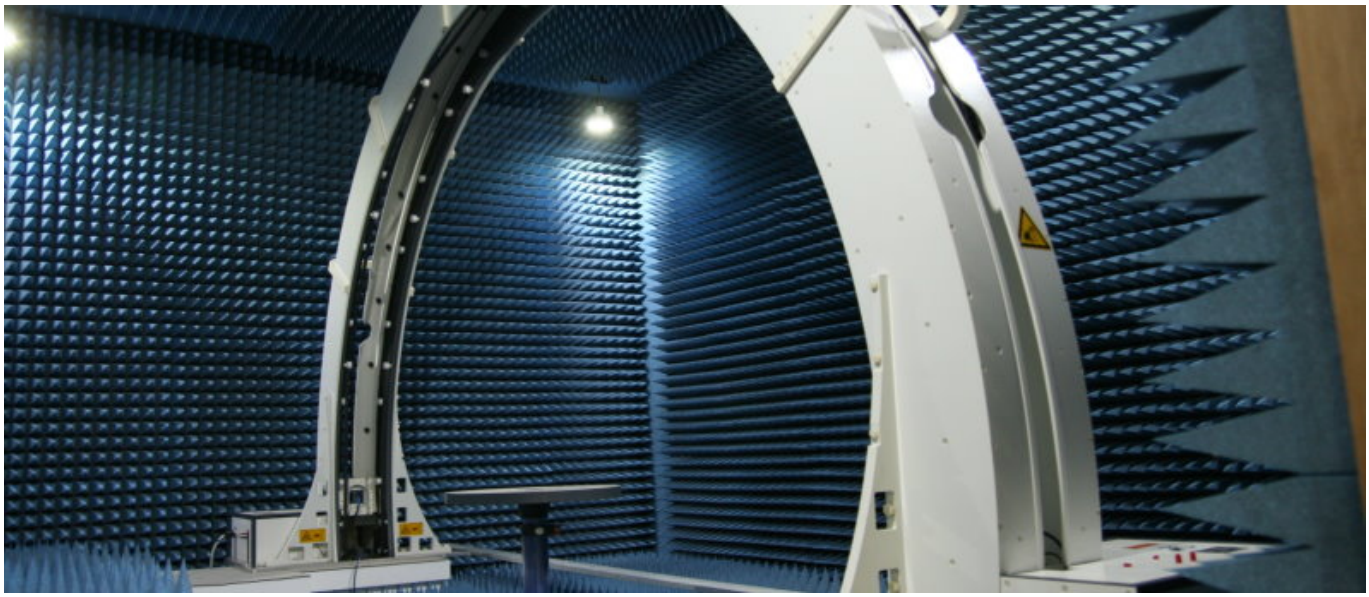


CP1500-MP

Nominal Radius	1500mm
Moving Range per Slide	- 90° to +96,4°
Height of middle axis for EUT/MUT	320 mm
Total Dimensions	3895mm x 2110mm x 920mm
Max. Antenna Weight	0.5kg
Min. Positioning Speed	~0,19°/s
Max. Positioning Speed	~3,8°/s
Drive	Non-conductive, metall-free toothed belts
Drive unit	shielded and radio interference suppressed; 20dB under CISPR 22 Class B
Motor Power	2x 150W
Max. Current Consumption	3,2A
Voltage	230 V / 50 Hz

Brief description

The antenna positioner **CP1500-MP** is designed and developed for use in an EMC chamber. It features two independently controllable and radially movable carriages equipped with receptacles for small antennas.

Along the theoretical connection line from -90° to +90°, the entire machine is made of plastic and thus completely metal-free.

The machine consists of guide sectors, two swivel carriages with aerial antenna holders and drives.

Two separately controllable drive units, each with a 150W motor, that drive the carriages via a belt drive. They are located on the right and on the left end of the positioner.

The machine is equipped with cable carriers. These enable smooth movement of the antenna cables, and the interrupter lines for the carriage collision monitoring with the movable carriages.

The **IEEE 488 (GPIB)** bus, when operated with the **CO2000** Controller, or **IEEE 488 (GPIB) & TCP/IP (LAN)** interface, when operated by **CO3000** Controller provides an additional control option for all functions.