

CP1500-MP

Nominal Radius

Moving Range per Slide

Height of middle axis for EUT/MUT

Total Dimensions

Max. Antenna Weight

Min. Positioning Speed

Max. Positioning Speed

Drive

Drive unit

Motor Power

Max. Current Consumption

Voltage

1500mm

- 90° to +96,4°

320 mm

3895mm x 2110mm x 920mm

0.5kg

 $\sim 0.19^{\circ}/s$

 $\sim 3.8^{\circ}/s$

Non-conductive, metall-free toothed belts

shielded and radio interference suppressed; 20dB

under CISPR 22 Class B

2x 150W

3.2A

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 $+90^{\circ}$, 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.