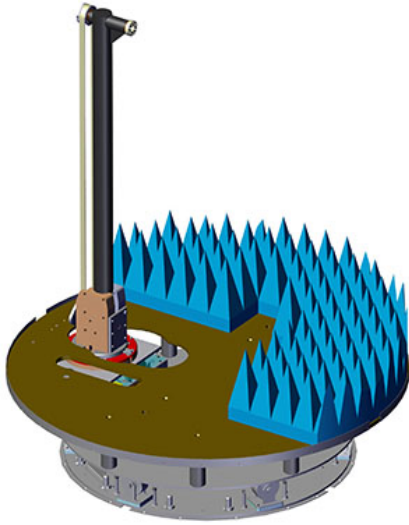


MULTI-AXIS POSITIONER (MAPS) 2115CR Multi-Axis Positioning Systems (MAPS)

ETS-Lindgren's Model 2115CR Medium Duty Multi-Axis Positioner is designed to provide smooth rotation of a test object in both theta and phi axes.



ETS-Lindgren's Model 2115CR Medium Duty Multi-Axis Positioner is designed to provide smooth rotation of a test object in both theta and phi axes. Typically the model 2115CR is used in systems that measure spherical antenna patterns and total effective radiated power of wireless devices, with MAPS units currently in operation at several CATL labs. Options include the SAM Phantom (head) and ETS-Lindgren's Positioning Controller with GPIB and EMQuest™ Software.

Key Features

- Fiber Optic Control Lines Eliminate RF Noise
- Variable Speed Rotation
- 360° Independent Rotation in Both Azimuth and Ortho Axes
- Multi-Axis Positioner
- Angular Positioner Accuracy Within $\pm 0.5^\circ$ with EUT load centered on the axis of rotation

Features

Construction

The model 2115CR is constructed with low reflective dielectric materials to minimize RF obstruction or distortion, and was designed to minimize EMI noise and offer minimal physical obstruction to RF fields. Motor units contained in RF-shielded enclosures and are designed to be placed below the absorber. Signal lines from motor to the optional positioning controller are fiber optic.

Specifications

Electrical Specifications

Phase: Single

Power: 208/230 VAC

Control Unit (Sold Separately): EMCenter™ with EMControl™

Physical Specifications

Maximum Height: Consult Factory

Minimum Height: Consult Factory

Nominal Height: Consult Factory

Maximum Load Capacity: 11.3 kg (24.91 lb)

Other Specifications

- MAPS Assembly Including Medium Duty Mast Capable of Handling up to 11.3 kg (24.9 lb) EUT
 - Standard Heights Available (Please Specify One):
 - 152.40 cm (60.0 in) (2115CR-6000)
 - 172.72 cm (68.0 in) (2115CR-6800)
 - 182.88 cm (72.0 in) (2115CR-7200)
 - 213.36 cm (84.0 in) (2115CR-8400)
 - Fiber Optic Cable
 - Manual
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