

# TURNTABLES MODEL 2165



## MODEL 2165

- Designed to be Removable
- Fiber Optic Control Lines to Eliminate RF Noise
- Variable Speed
- Ultra-low Profile
- Non-Conductive Material Construction
- Continuous Rotation

**ETS-Lindgren's Model 2165 LoPro™ Turntable** is ideal for today's EMC test applications where height is a concern and installation options may be limited. The LoPro Turntable can be used with the popular ETS-Lindgren EMCenter™ with EMControl™ plug-in card.

### Low Profile

With a top almost flush to the ground plane, excavating a pit to bury a motorbase assembly is not necessary. The LoPro can be used indoor or outdoor (if the turntable is properly protected from rain, moisture, etc.) sites where traditional turntables are impractical or impossible to install. In chambers, antenna scan height is maximized as space robbing subfloors are not required.

### Flexible Design

The LoPro is portable for maximum utility. The unit can be easily disassembled within a few minutes. For more permanent installations, mounting holes for anchor bolts are provided on the base. The unit's toothed-belt drive ensures non-slip rotation for greater positioning accuracy.

#### Standard Accessories (For Both Options)

- 10 m (32.8 ft) Fiberoptic Duplex ST-Multimode Cable
- 2 Piece ST-ST Bulkhead Connectors

#### Options (For Both Models)

- Shaft Kit: Allows the Drive Unit to Be Positioned Farther from the Turntable
- Extension Shaft Separates the Turntable and the Drive Motor by as Much As 5 m (16.4 ft)

#### Electrical Specifications

Max. RPM	2.5
Phase	Single
Voltage	220–230 VAC/50–60Hz, <10A
Control Unit (Sold Separately)	EMCenter with EMControl

#### Physical Specifications

Model	Diameter	Permissible Distributed Load	Permissible Point Load	Height	RPM Range
2165-1.21	1.2 m (3.94 ft)	273 kg (602 lb)	No Point Loads under 0.19 <sup>2</sup> (2.0 ft <sup>2</sup> ) should exceed 100 kg (220 lb)	5.0 cm (2.0 in)	0.5–2.0 RPM
2165-2.01	2.0 m (6.56 ft)	273 kg (602 lb)	No Point Loads under 0.19 <sup>2</sup> (2.0 ft <sup>2</sup> ) should exceed 100 kg (220 lb)	5.0 cm (2.0 in)	0.5–2.0 RPM

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## Physical Specifications

Model	Turntable Top Material	Positioning Accuracy	Rotating Angle	Voltage and Frequency
2165-1.21	PVC with ABS Surface	± 0.5°	Continuous	220/230 VAC, 50/60 Hz, IEC 60320 C-14
2165-2.01	PVC with ABS Surface	± 0.5°	Continuous	220/230 VAC, 50/60 Hz, IEC 60320 C-14

## Physical Specifications

Model	Current Consumption	Remote Control	Drive Unit	Temperature Range
2165-1.21	3A	Fiberoptic, Duplex ST-Multimode cable	Shielded assembly. 20dB below CISPR 11 Class B limits	5-40°C, 41-104 °F
2165-2.01	3A	Fiberoptic, Duplex ST-Multimode cable	Shielded assembly. 20dB below CISPR 11 Class B limits	5-40°C, 41-104 °F



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