

POSITIONERS MODEL 2188 TURNTABLE



MODEL 2188

- Fiber Optic Control Lines To Eliminate RF Noise
- Variable Speed
- Low Profile
- Aluminum Top and Bottom Plate for Corrosion Resistance

ETS-Lindgren's Model 2188 LoPro™ Turntable are ideal for today's EMC test applications where height is a concern and installation options may be limited. The 2188 turntable can be used with the popular ETS-Lindgren EMCenter™ with EMControl™ plug-in card.

Low Profile

Designed for indoor use the Model 2188 turntable is perfect for installations in new or existing chambers where pit excavation is not an option or must be shallow. The Model 2188 turntables feature a durable bronze filament ground brush and matching wear strip to provide continuous electrical coupling with the ground plane.

Fiber Optic Travel Limits

The Model 2188 series operates with proprietary fiber optic limit switches to prevent damage to EUT power and signal cables routed thru the center plate of the turntable. The travel range can be adjusted from the top of the turntable using a unique system of adjustable limits. These limits can be disabled to allow continuous rotation in specific installations.

Standard Accessories (For All Options)

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

Options (For All Models)

- Custom Center Plate Configurations for EUT Connections

Electrical Specifications

Power 220–230/50–60Hz, <10A

Physical Specifications

Model	Diameter	Permissible Distributed Load	Permissible Point Load	Height	RPM Range
2188-1.03	1.0m (3.28ft)	500kg (1102lbs)	No Point Loads under 0.37 ² (4.0 ft ²) should exceed 500 kg (1110 lb)	16.5 cm (6.1in)	0.5–2.0 RPM
2188-1.23	1.2 m (3.94 ft)	500kg (1102lbs)	No Point Loads under 0.37 ² (4.0 ft ²) should exceed 500 kg (1110 lb)	16.5 cm (6.1in)	0.5–2.0 RPM
2188-1.53	1.5 m (4.92 ft)	500kg (1102lbs)	No Point Loads under 0.37 ² (4.0 ft ²) should exceed 500 kg (1110 lb)	16.5 cm (6.1in)	0.5–2.0 RPM
2188-2.03	2.0 m (6.56 ft)	500kg (1102lbs)	No Point Loads under 0.37 ² (4.0 ft ²) should exceed 500 kg (1110 lb)	16.5 cm (6.1in)	0.5–2.0 RPM

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Physical Specifications

Model	Turntable Top Material	Positioning Accuracy	Rotating Angle	Voltage and Frequency
2188-1.03	Aluminum	± 0.5°	Continuous or Limited with Configurable Limit Switches	220/230 VAC, 50/60 Hz, IEC 60320 C-14
2188-1.23	Aluminum	± 0.5°	Continuous or Limited with Configurable Limit Switches	220/230 VAC, 50/60 Hz, IEC 60320 C-14
2188-1.53	Aluminum	± 0.5°	Continuous or Limited with Configurable Limit Switches	220/230 VAC, 50/60 Hz, IEC 60320 C-14
2188-2.03	Aluminum	± 0.5°	Continuous or Limited with Configurable Limit Switches	220/230 VAC, 50/60 Hz, IEC 60320 C-14

Physical Specifications

Model	Current Consumption	Remote Control	Drive Unit	Temperature Range
2188-1.03	2A	Fiberoptic, Duplex ST-Multimode cable	Shielded assembly. 20dB below CISPR 11 Class B limits	5-40°C, 41-104 °F
2188-1.23	2A	Fiberoptic, Duplex ST-Multimode cable	Shielded assembly. 20dB below CISPR 11 Class B limits	5-40°C, 41-104 °F
2188-1.53	2A	Fiberoptic, Duplex ST-Multimode cable	Shielded assembly. 20dB below CISPR 11 Class B limits	5-40°C, 41-104 °F
2188-2.03	2A	Fiberoptic, Duplex ST-Multimode cable	Shielded assembly. 20dB below CISPR 11 Class B limits	5-40°C, 41-104 °F