

## MODEL 4-TR Tripod



# Tripods

**ETS-LINDGREN PRODUCES TWO HIGH QUALITY TRIPODS** for use at EMC test sites. The model 4-TR is compatible with all ETS-EMCO antennas<sup>1</sup> and most other brands of EMC measurement antennas. The 7-TR provides increased stability for physically large, ultra broadband antennas, such as ETS-Lindgren's BiConiLog™.

### ETS-Lindgren Tripod Features

#### Non-metallic, Non-reflective Construction

Users can be confident of accurate measurement results when using either model, as ETS-Lindgren tripods are constructed of non-metallic, non-reflective materials that will not distort measured data.

#### Easy Adjust Height Controls

Both the 4-TR and the 7-TR series tripods have easy-adjust controls for precise height adjustments. Maximum height for the 4-TR is 2.0 m (80.0 in). Minimum height for the 4-TR is 94.0 cm (37.0 in). For the 7-TR series, maximum height is 2.17 m (85.8 in), with a minimum height of .8 m (31.8 in).

#### Quality Construction Ensures Long-Life

To ensure long-life, ETS-Lindgren tripods are constructed of the highest-quality materials possible. The 4-TR tripod is constructed of linen phenolic and delrin, with the 7-TR series constructed of PVC and fiberglass components. These tripods can be used at both indoor and outdoor test sites.

### Choosing Your Model

#### Features of the 4-TR Tripod

The 4-TR tripod is compatible with all ETS-EMCO antennas<sup>1</sup> and most other brands of EMC measurement antennas. The 4-TR is designed with an adjustable center piece for precise height adjustments. This tripod can bear up to a 11.8 kg (26.0 lb) load.

<sup>1</sup> Excluding ETS-EMCO's 3140, 3142B, 3106, 3160-01 and 3164-03 antennas

#### Model 4-TR

- Non-metallic

#### Model 7-TR

- Non-RF reflective

#### Model 7-TR/POL Manual

- Easy-adjust height controls

#### Model 7-TR/POL Pneumatic

- Quality construction

#### Model 7-TR/POL 3106



### Features of the 7-TR Tripod Series

The 7-TR series provides increased stability for physically large, ultra broadband antennas, such as ETS-EMCO's BiConiLog™. Its unique design allows for quick assembly/disassembly and convenient storage. Quick height adjustment and locking wheels provide ease of use during testing. This tripod can bear up to a 13.5 kg (30.0 lb) load.

The centerline polarization option allows antenna rotation between horizontal and vertical positions along the antenna's centerline.



MODEL 7-TR Tripod

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## Standard Configuration

- ▶ Tripod Assembly
- ▶ Manual

## Options

- ▶ Model 2090 Positioning Controller
- ▶ Manual Polarization Option (Model 7-TR/POL Manual)
- ▶ Pneumatic Polarization Option (Model 7-TR/POL Pneumatic)
- ▶ 3106 Horn Antenna Mount Option (Model 7-TR/POL 3106)
- ▶ Antenna Mounts
- ▶ Additional Fiber Optic Cables



**MODEL 7-TR Tripod with optional 3140 antenna**

## Physical Specifications

MODEL	MIN HEIGHT	MAX HEIGHT	WEIGHT	MAX PAYLOAD	THREAD	PRIMARY COMPOSITION
4-TR	.9 m 37.0 in	2.0 m 80.0 in	3.2 kg 7.0 lb	11.8 kg 26.0 lb	1/4 in x 20	Linen Phenolic
7-TR	.8 m 31.8 in	2.18 m 85.8 in	26.0 kg 58.0 lb	13.5 kg 30.0 lb	1/4 in x 20	Fiberglass
7-TR/POL MANUAL	.8 m 31.8 in	2.18 m 85.8 in	26.0 kg 58.0 lb	13.5 kg 30.0 lb	1/4 in x 20	Fiberglass
7-TR/POL PNEUMATIC	.8 m 31.8 in	2.18 m 85.8 in	26.0 kg 58.0 lb	13.5 kg 30.0 lb	1/4 in x 20	Fiberglass
7-TR/POL 3106	.8 m 31.8 in	2.18 m 85.8 in	26.0 kg 58.0 lb	13.5 kg 30.0 lb	1/4 in x 20	Fiberglass

## Electrical Specifications

MODEL	POWER SUPPLY <sup>2</sup>	LINE FREQ.	POWER INPUT	INTERFACE DEVICE	I.O PORTS	AIR
7-TR/POL PNEUMATIC	160 mA 120 VAC	60 Hz	160 mA 120 VAC	500 mA 12 VDC	1 ST Fiber Optic Input	6.1 bar 90 psi

<sup>2</sup> Optional 80 mA, 240 VAC, 50 Hz power supply is available.

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