

FPS-Series Field Probe Stands

Product Overview

The TDK RF Solutions FPS Field Probe Stand is designed for use in anechoic chambers and shielded test rooms in compliance with IEC-61000-4-3 requiring the positioning of sensors up to either 1.5 m or 80 cm.

The field probe stand is constructed of durable, non-conductive, commercial grade fiberglass and plastic that will not interfere with RF test measurements. The FPS is available in two models to meet your test requirements:

FPS-250 The FPS-250 field probe stand's mast is 1.25 m high. A mast extension piece easily snaps into the base mast and extends the height to 2.5 m. The field probe support can be clamped to the mast at any point, allowing you to place the field probe precisely where needed. The FPS-250 supports equipment up to 10 kg.

FPS-50 The FPS-50 field probe stand is fixed at .5 m high. Again, the field probe support can be clamped to the mast at any point on the mast for precise positioning. The FPS-50 supports equipment up to 1.5 kg.

A screw type clamp can be supplied with each stand and additional clamps are available upon request.

Applications

- IEC-61000-4-3 compliant positioning
- Isotropic field sensor mounting



The TDK RF Solutions FPS Field Probe Stand is designed for use in EMC test environments. The FPS-250 is adjustable for positioning field probes to heights of up to 2.5 meters.

Features

- Adjustable height or fixed height models available
- Non-conductive materials will not interfere with testing

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Mechanical Specifications

Construction:	
Base:	Delrin
Tube:	fiberglass

Dimensions—FPS-250

Maximum Height:	250 cm (98")
Minimum Height:	125 cm (49")
Base Diameter:	38 cm (15")
Weight:	9 kg (20 lbs.)

Dimensions—FPS-50

Fixed Height:	50 cm (20")
Base Diameter:	15 cm (6")
Weight:	3 kg (7 lbs.)

Ordering Information

Product:	Field Probe Stand
Model Number:	FPS-250, FPS-50
Warranty:	1 year limited

To place an order or to learn more about the TDK RF Solutions products that best meet your needs, contact your TDK sales representative:

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DSFPS041902