

# DAPS-01 Dual Antenna Positioning System

## Product Overview

TDK RF Solutions' DAPS-01 Dual Antenna Positioning System consists of a dual antenna mast with integrated turntable and SI-300 system interface. The DAPS-01 is specifically designed for remote positioning of two antennas, both in the horizontal and vertical planes, during EMC testing. The DAPS-01 simplifies testing by allowing the user to test continuously across two antenna bandwidths without interruption.

**Remote Control** The DAPS-01 is remotely controlled by the TDK RF Solutions' SI-300 system interface unit. A single independent control unit is used to handle the turn axis and the polarization sense.

**Fiber Optic Link** Remote control of the positioning system is achieved by use of fiber optic links, eliminating a potential interference source and distance limitations.

**Custom Dimensions** The dimensions of the positioning system mast and turntable are dependent on the customer's required illumination area. Dimensions are limited only by the maximum length of cable that is used.



**TDK RF Solutions' DAPS-01 Dual Antenna Positioning System is designed to simply testing by enabling remote positioning of two antennas in EMC test environments.**

## Features

- Compatible with TDK's SI-300 system interface
- Fiber optic interface
- Custom dimensions to meet customer requirements
- Shielded remote modules for use in high field environments
- Universal linear power supply

## Applications

- Remote independent vertical and horizontal polarization

# DAPS-01 Dual Antenna Positioning System

## System Components

- Dual Antenna Mast with Integrated Turntable
- SI-300 System Interface
- One set of fiber optic cables

## Mechanical Specifications

Dimensions:	2.16 m H x 1.65 m D (85" x 65")
Adjustable Height:	1 - 2 m (39" - 79")
Polarization:	Automatic horizontal and vertical polarization
Cross-Boom Loading:	20 kg (44 lbs.)
Mast Weight:	30 kg (67 lbs.)
Turntable Weight:	35 kg (77 lbs.)
Construction:	Non-conductive fiber- glass and ABS plastic

## Electrical Specifications

Voltage:	115/230
Amp:	4/3A
Hertz:	50/60 Hz
Phase:	1 $\phi$
Source Air:	Regulated to 20 psi
Flow Rate:	Regulated to 5 SCFM

## Ordering Information

Product:	Dual Antenna Positioning System
Model Number:	DAPS-01
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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