

## Calibration

### Digital Static Field Meter

Routine calibration is not required. There are no user serviceable parts. Contact [Desco Customer Service](#) should the Digital Static Field Meter exhibit any abnormal behavior. Any unauthorized service will void the warranty and result in additional repair charges.

## Specifications

### Digital Static Field Meter

#### Performance

Measurement Range	0 to ±19.99 kV / inch
Measurement Accuracy	Better than ±5% of reading, ±2 counts
Measurement Stability	±10 counts

#### Front Panel Meter

Voltage Display	3-1/2 digit LED display
Sampling Rate	3 readings per second

#### Features

Ranging System	LED distance indicator; aligned targets indicate 1"
Range	LED distance indicator
Rotary Zero Knob	Sets the zero-reference point
Low Battery Indicator	An LCD icon indicates when the battery is low
Hold Switch	Retains the LCD display reading when depressed

#### General

Dimensions	0.9" H x 2.8" W x 4.9"L (24 mm x 70 mm x 126 mm)
Weight	4.9 oz. (140 g) with battery
Operating Conditions	
<i>Temperature</i>	50 to 86°F (10 to 30°C)
<i>Relative Humidity</i>	To 80%, non-condensing
<i>Altitude</i>	To 2000 m
Certifications	CE

#### Power Requirements

Power	One (1) 9-volt alkaline battery
Operating Time	Greater than 50 hours, with a new battery at 21°C continuous

## Air Ionization Test Kit

Conductive plate Assembly	Aluminum bracket, bare aluminum plate and teflon spacers isolate plate from bracket
Voltage Output	1/10,000 of measured voltage
Conductive plate Area	2.95" W x 1.18" L (7.5 x 3.0 cm)
Conductive plate Assembly Weight	2.4 oz. (68 g)
Charger Dimensions	1.1" H x 2.6" W x 4.5" L (2.8 x 6.6 x 11.4 cm)
Charger Weight	5 oz. (140 g) with battery
Charger Power Requirements	One 9-volt alkaline battery
Charger Output (using Digital Static Field Meter with conductive plate)	1.1 kV minimum for ± voltage
Certifications	CE

### Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See the Desco Warranty - [Desco.com/Limited-Warranty.aspx](https://www.desco.com/Limited-Warranty.aspx)