

ELFI 1

Compact static field strength meter for analysis of static electricity



Key Facts

- ✓ High-resolution electrostatic charge measurement for two ranges
- ✓ Supports error diagnosis and ensures optimum operating conditions
- ✓ Perfectly suited for workpieces, conveyor belts and synthetic web goods
- ✓ Battery charge status indicator

Product Description

The ELFI 1 is a practical and reliable meter that measures electrostatic charges on material surfaces. It indicates the strength and polarity of the charge and helps to check the functionality of discharge systems with AC or DC ionisation. Particularly suitable for production and cleaning processes, as in the plastics production, the device makes analysis simple: Thanks to its two measuring ranges, the easy-to-read display and the convenient hold button, measured values can be recorded and documented precisely.

- Measuring range:
 - Up to 200 kV (high range) with 100 V resolution
 - Up to 20 kV (low range) with 10 V resolution
- Working distance: 100 mm
- 3½-digit LCD display for clearly legible measurement readouts
- Hold button to freeze the current measurement value
- Automatic switch-off after 60 seconds to save battery life
- Battery charge status indicator
- Not suitable for hazardous environments

Technical Data

	ELFI1
Version	Standard
Dimensions	124 mm x 64 mm x 24 mm
Working distance	100 mm
Power supply	9 V block battery, PP3
Drift	0.1% in 10 s
Measurement range/resolution	0–20 kV /10 V
	20–200 kV /100 V
Weight	0.175 kg (without carrying case)