KIST + ESCHERICH

SMART ION SPM

Spot ionisation for electrostatic discharge

Key Facts

- **Compact ionisation system** with integrated high-voltage power supply and 24 V DC supply voltage
- **DC pulse technology** for neutralising electrostatic charges on larger areas
- **Compact design for tight spaces**
- **Transport speed: up to 150 m/min**

Product Description

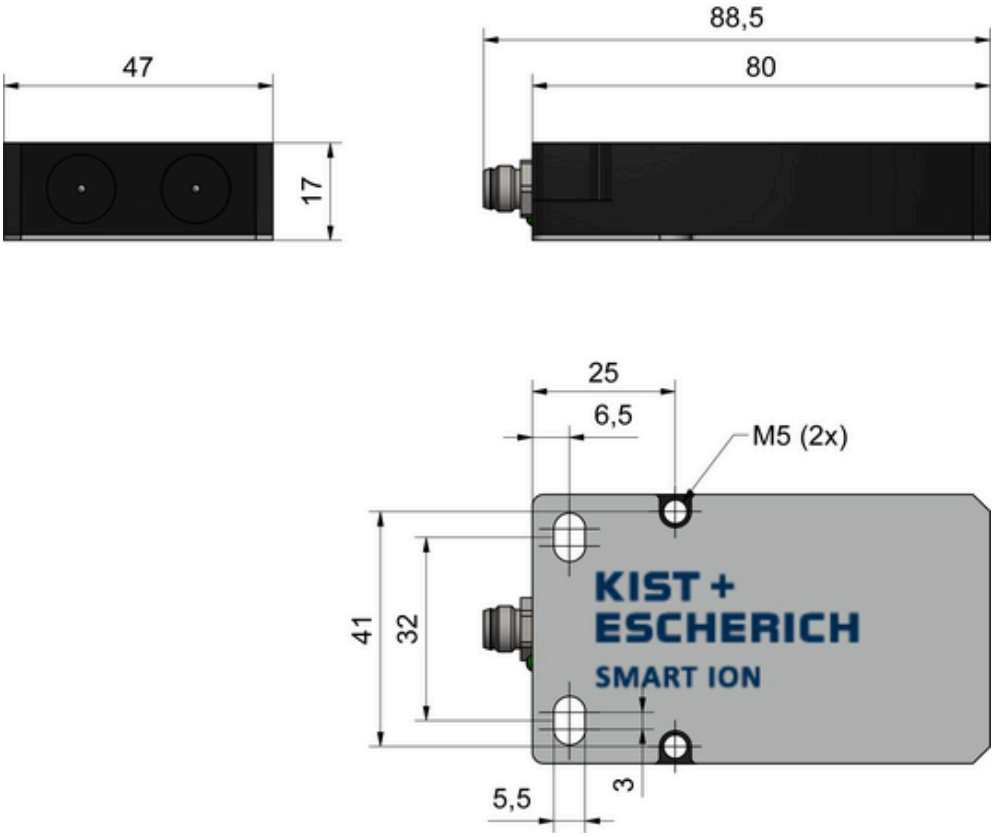
High-performance electrostatic discharge. SMART ION SPM – precise ionisation for small working widths. Electrostatic charges are eliminated over short to medium distances – even without air support. With UL certification, this product delivers trusted safety and performance in the North American market.

- Safe to the touch for users
- Optical function and error signals via LED status display
- The “Clean Me” function monitoring signals the need for cleaning
- Status signal for external function monitoring
- Suitable for use in cleanrooms
- Can be synchronised via standby signal

Technical Data

	SISPM
Version	Standard
cleanroom class	ISO 6
Working width	47 mm
Working distance (min. – max.)	20 – 150 mm
Emitter clearance	20 mm
Operating voltage	24 V (DC)
Current consumption (max.)	100 mA
Output voltage	7 kV
Ambient temperature (min. – max.)	0 - 55 °C
Weight	0.1 kg
Conveying direction (uni-/bi-/multidirectional)	bi-directional

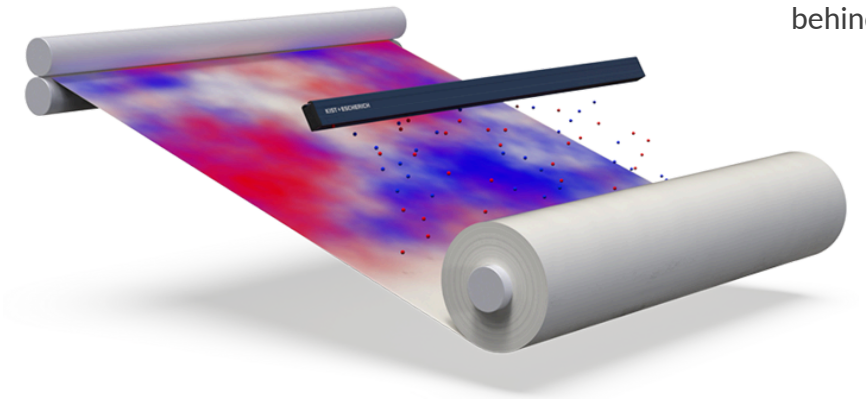
Technical Drawings



TECHNOLOGY

SMART ION

When charges become a risk, SMART ION neutralises them reliably. Discover the intelligent technology behind it.



Related Products

ION CHECK

Function tester for testing ionisation systems

ELFI 1

Compact static field strength meter for analysis of static electricity