

SMART ION 070

Ionisation bar for electrostatic discharge

SI070



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
- ✓ **Suitable for use in KIST + ESCHERICH cleaning systems**
- ✓ **Effective range: 20-150 mm / transport speed: up to 150 m/min**

Product Description

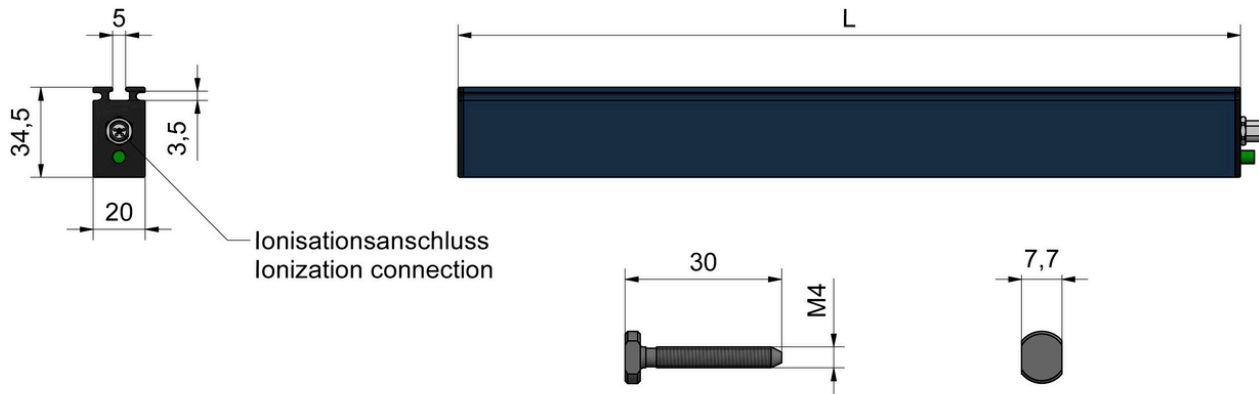
SMART ION 070 – our high-performance ionisation system, eliminates electrostatic discharges with a large effective range – and without compressed air support. The compact ionisation bar SI070 has been specially optimised for applications with limited space and can be easily integrated into KIST + ESCHERICH cleaning systems. With UL certification, this product delivers trusted safety and performance in the North American market.

- Discharge voltage +/- 7.5 kV
- The “Clean Me” function monitoring signal alerts you to the need for cleaning
- Safe to the touch for users
- Optical function and error signals via LED status display
- Status signal for external function monitoring
- Suitable for use in cleanrooms

Technical Data

	SI070
Version	Standard
Cleanroom class	ISO 4
Working width	250 - 4000 mm
Working width increment	50 mm
Working distance (min. – max.)	20 - 150 mm
Emitter clearance	40 mm
Operating voltage	24 V (DC)
Current consumption (max.)	500 mA
Output voltage	7.5 kV
Ambient temperature (min. – max.)	0 - 55 °C
Weight per meter	0.88 kg
Conveying direction (uni-/bi-/multidirectional)	bi-directional
Ingress protection	IP67

Technical Drawings

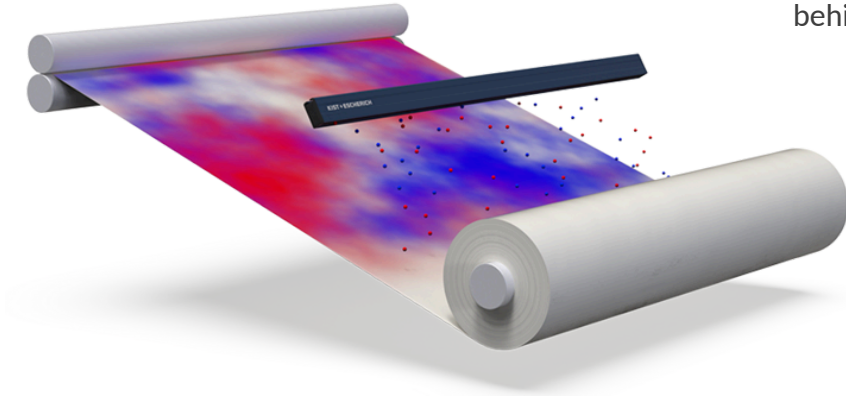


L: Arbeitsbreite
Working width

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