








Pinner series

Simco-Ion offers a variety of charging bars and electrodes, depending on the specific applications and conditions. These bars are connected to a DC high-voltage generator. A strong, ion-saturated electrical field around the single polarity high voltage points forces the material to a reference earth. The material is charged by the ions. Being attracted by different polarities, the surfaces temporarily cling together. There are various methods of temporarily charging materials electrostatically, using a Simco-Ion Chargemaster system.

Simco-Ion offers various electrodes, including the 5 Point, Linear 6 Point and the Pinner Claw, specifically for spotcharging small surfaces. These electrodes are also ideal for edge charging in cast-film extrusion processes. The material applied permits high temperature use. The electrodes are resistor-protected to avoid spark-over. The points are replaceable.

Features:

- +  Incorporated bar and HV power supply
- +  Long-life emitters
- +  Voltage or Current control operation
- +  Analogue interface
- +  Fully serviceable

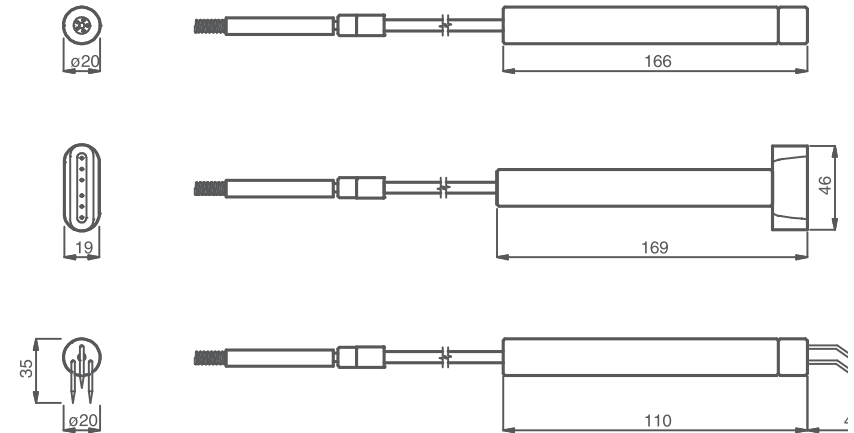


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Technical specifications

	5 point	Linear 6 point	Pinner Claw
Working distance	min. 12,5 mm	min. 12,5 mm	min. 12,5 mm
Housing material	PTFE	PTFE	PTFE
Ionisation points	special alloy	special alloy	special alloy
Cable	high voltage cable	high voltage cable	high voltage cable
Weight	0,3 kg	0,3 kg	0,3 kg
Ambient temperature	150 °C	150 °C	150 °C
Use circumstances	industrial	industrial	industrial
Operating voltage	0 - 30 kV DC	0 - 30 kV DC	0 - 30 kV DC
Suitable high voltage generator	CM lite, CM5 - 30	CM lite, CM5 - 30	CM lite, CM5 - 30



Technical drawing Pinner series