

ProductInformation

SpotTEC - Corona Power Generators



SpotTEC High-frequency Spot Generator

Tantec SpotTEC is used for treatment of profiles, cables and injection moulded parts. The SpotTEC is easily adopted into any production line and offers the user a high level of flexibility in use. The SpotTEC is based on the principle of high-voltage discharge in atmospheric air blown towards a substrate surface.

The spotTEC offered by Tantec permits easy pre-treatment of surfaces of three-dimensional moulded or extruded plastic parts, profiles etc. with low investment and running costs.

The SpotTEC is based on the principle of high-voltage discharge in the high-frequency area. A blower presses the discharge which is established between the two electrodes integrated in the discharge head, against the substrate to be treated, thus eliminating the need for a counter electrode. The SpotTEC can be integrated easily and quickly in new or existing production lines to promote adhesion of glue, inks or coating. The system is available with a single or double electrode head; other versions are available on request. The SpotTEC system provides surface treatment solutions for a variety of plastic products and applications. The SpotTEC complies with the CE requirements and EMC regulation.

TECHNICAL DATA

Features:

Easy to install and use

Easy maintenance

Single or dual head configuration

Air flow control

LED's for running conditions

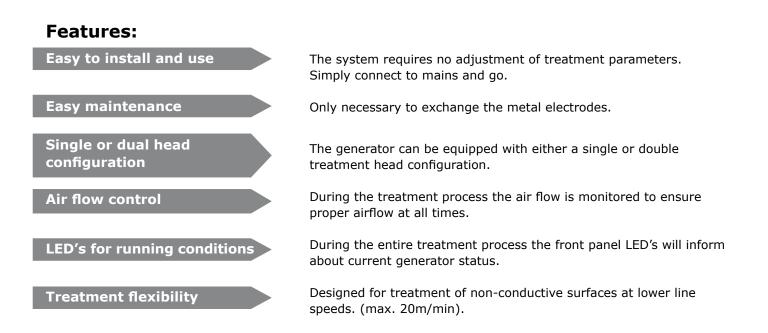
Treatment flexibility

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TechnicalData

Plasma & Corona Treaters

adhesion bonding



Technical Specifications	SpotTEC Single	SpotTEC Dual	SpotTEC Discharge Head
Mains voltage and frequency	115 or 230 VAC 50/60 Hz	115 or 230 VAC 50/60 Hz	N/A
Output voltage/power	Voltage: 2 x 6.5 kV Power: 550 Watt	Voltage: 2 x 6.5 kV Power: 1100 Watt	N/A
Output frequency	Approx. 25 kHz	Approx. 25 kHz	N/A
Power consumption	Max. 600 VA	Max. 1100 VA	N/A
Dimensions in mm (LxWxH)	500 x 485 x 195 (incl. connections)	500 x 485 x 195 (incl. connections)	60 x 40 x 160 (excl. connections)
Weight in kg	13 (23 at 115 VAC)	19 (29 at 115 VAC)	1.7 (incl. hose)
Treatment width in mm	N/A	N/A	45-65 mm
Treatment distance in mm	N/A	N/A	5-20 mm
Treatment speed in m/min	N/A	N/A	Max. 20 m/min
Regulation compliance	CE - RoHs - WEEE	CE - RoHs - WEEE	CE - RoHs - WEEE



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