

## FEATURES:

- Easy to use
- Easy maintenance
- Single or dual head configuration
- Air flow control
- LED's for running conditions
- Treatment flexibility

## SpotTEC

### High-frequency Spot Generator



**Tantec SpotTEC is used for treatment of profiles, cables and injection moulded parts. The SpotTEC is easily adapted 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.

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### Easy to install and use

The system requires no adjustment of treatment parameters. Simply connect to mains and go.

### Easy maintenance

Only necessary to exchange the metal electrodes.

### Single or dual head configuration

The generator can be equipped with either a single or double treatment head configuration.

### Air flow control

During the treatment process the air flow is monitored to ensure proper airflow at all times.

### LED's for running conditions

During the entire treatment process the front panel LED's will inform about current generator status.

### Treatment flexibility

Designed for treatment of non-conductive surfaces at lower line speeds. (max. 20m/min).

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