



SpotTEC

High Frequency Spot Generator from Tantec

The pre-treatment of plastics before coating, bonding or printing is aimed at improving adhesion. Pre-treatment is often required so that enhanced wettability and optimum adhesion of the coating are achieved.

The SpotTEC corona treatment unit allows simple pre-treatment of a wide range of 3-dimensional moulded or extruded plastic parts, profiles, etc. with low investment and low 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 obviating the need for a counter electrode. The SpotTEC can be integrated easily and quickly in new or existing production lines.

The system is available with a single or double electrode head; other versions are available on request.

The SpotTEC complies with the CE requirements and EMC regulation.

Advantages:

- Monitored discharge with alarm functions
- Flexible treating depth
- Simple handling
- Processing speed up to approx. 20 m/min
- Multi head solutions possible without major investment





Specifications:

Mains voltage : 230/110 VAC, 50/60Hz
 Power output : HF-S: 550 Watts
 HF-D: 1100 Watts
 Output voltage : 2 x 6,5 kV
 Treatment width : HF-S: 45-65 mm
 HF-D: 90-130 mm
 Weight: HF-S: 13 kg
 HF-D: 19 kg
 Control inputs : Remote Start/Stop
 Intermittent function
 short circuit alarm function
 Treatment alarm

