

Arcospot® PGS 061 Plasma Device



Application:

The Arcospot® PGS 061 device is used for the in-line pre-treatment of moulded parts, profiles, adhesion grooves and folded boxes. Treatment speeds exceeding 200m/min. can be achieved. The treatment clearance from the surface is approx. 6-10mm.

Design:

The device comprises the semi-conductor generator with an external transformer for a generation of high-voltage and the electrode head for the spark discharge (plasma). The connection between the transformer and the generator is of a plug-in design. The electrode head is connected to the transformer by a hose which comprises the high-voltage and the compressed air lines.

The electronics are of a modular design and the individual modules are of a plug-in design. The connections for the signal inputs and outputs are on connectors (industrial standard) so that they can be controlled via an overriding system.

Subject to technical modifications.

Technical Data:

Line supply:	230 V AC, 50 - 60 Hz
Power configuration:	0.9 kVA
Air consumption: approx.	30 l/min
Compressed air connection:	4 - 6 bar
Treatment width:	max. 15mm
Standard hose length:	connection between generator and ext. transformer: 2.0m
Generator dimensions:	470 x 530 x 210 mm
Weight:	21kg