

Atmospheric Plasma System



Surface Activation
Surface Cleaning

Technical data

- Supply unit:**
W 562 mm x H 211 mm x D 420 mm
Weight: 20 kg
- Connections:**
Process- and cooling gases:
plug-in quick connector for plastic tube - Ø 6/4 mm
230 V / 6 A, 50 - 60 Hz
- Plasma unit:**
Diameter: max. 32 mm
Length: 210 mm
Weight: approx. 0,5 kg
Width of treatment: max. 12 mm
Length of cable: 3 m
- Generator:**
Frequency: 20 kHz
Power: approx. 300 W
- Operating modes:**
Manual mode:
Through the keys „Plasma ON“ and „Plasma OFF“
on the front panel of the supply unit.
Semiautomatic:
Remote control through 25-pole SUB-D connector
on the rear panel of supply unit.

**It is possible to use the PlasmaBeam with robots
and it can be installed in existing fully automated
manufacturing lines.**



plasma activation

Application area

- Analytical
- Archaeology
- Automotive industry
- Elastomer industry
- Precision mechanics technology
- Medical devices manufacturing
- Optical industry
- Plastic industry
- Research and development
- Semiconductor technology
- Small-batch manufacturing
- Sensor technology
- Textiles treatment
- Watch industry
- ...

The PlasmaBeam is suited as a pretreatment device for the following processes:

- Bonding
- Coating
- Gluing
- Molding
- Printing
- Soldering
- Welding

on the following types of material:

- Polymers
- Metals
- Hybrid materials
- Ceramics
- Glass

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