

Atmospheric Plasma System



Surface Activation
Surface Cleaning

Technical data

1. Supply unit:

W 562 mm x H 211 mm x D 420 mm
Weight: 20 kg

2. Connections:

Process- and cooling gases:
plug-in quick connector for plastic tube - Ø 6/4 mm
230 V / 6 A, 50 - 60 Hz

3. 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

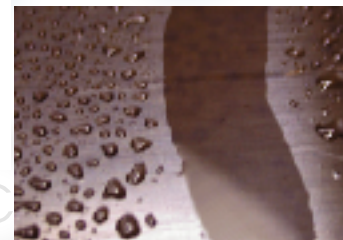
4. Generator:

Frequency: 20 kHz
Power: approx. 300 W

5. 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

Visit our homepage:

Diener electronic GmbH + Co. KG
Talstr. 5
D-72202 Nagold

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

www.plasma.de

Telefon: +49 (0) 74 52 / 888 07-0
Telefax: +49 (0) 74 52 / 888 07-50
e-mail: info@diener-electronic.de