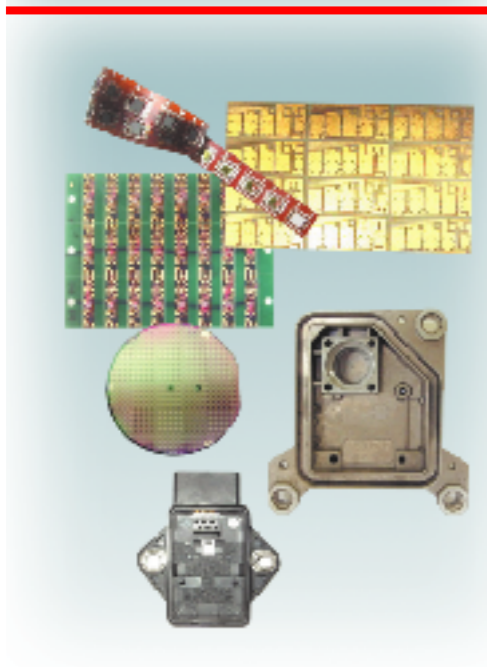


Low Pressure Plasma System

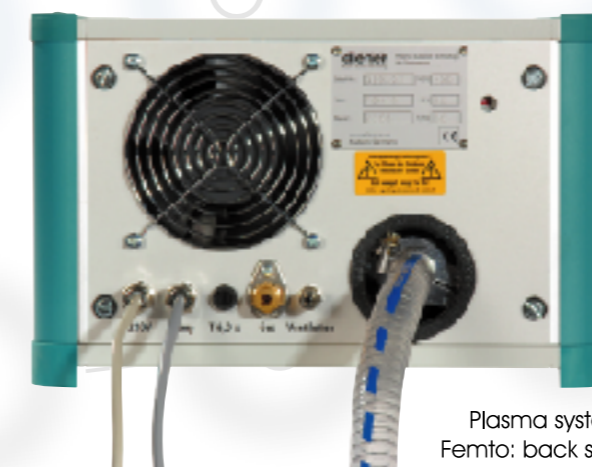


Applications

- **Cleaning of surfaces**
(e.g. before bonding, soldering or gluing)
- **Activation of surfaces**
(e.g. before printing, varnishing or gluing)
- **Etching of surfaces**
(e.g. before microstructuring of silicon or etching of PTFE)
- **Deposition of surfaces - plasmopolymerization**
(e.g. deposition of hydrophobic / hydrophilic layers)

Technical Data

1. **Switch cabinet:**
W 345 mm (19") x H 220 mm x D 420 mm
Weight: approx. 20 kg (without pump)
2. **Plasma chamber:**
Ø 100 mm, L 270 mm
Chamber volume: approx. 2 litres
3. **Gas connection:**
1 pc. gas channel through needle valve
4. **Plasma power supply:**
40 kHz / 100 W, infinitely variable
5. **Electrodes and trays:**
1 pc. electrode and 1 pc. tray
6. **Electric control:**
Semi automatic, process timer
7. **Connections:**
Gas: 6 mm Swagelok
Power supply: 110 or 220-240 V AC / 50-60 Hz
Exhaust tube: Ø 10 mm
8. **Vacuum pump:**
Rotary vane pump 1,5 m³/h

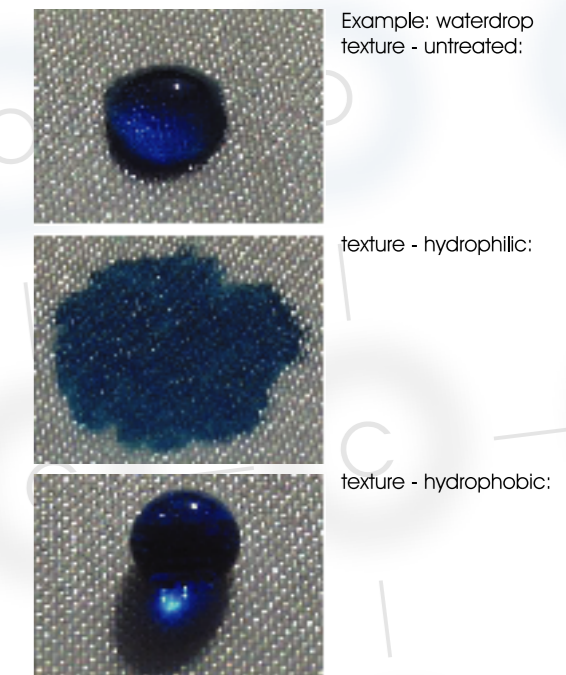


Applications

- Analysis (SEM, TEM)
- Archaeology
- Automotive industry
- Elastomer industry
- Medical technology
- Plastics industry
- Research and development
- Semiconductor industry
- Small scale manufacturing
- Sensor technology
- Sterilization
- Textile treatment
- ...

Options / Accessories

- Spare parts kit
- Corrosive gas version
- 13.56 MHz generator
- RIE electrode



Find us on the internet at:

www.plasma.de