

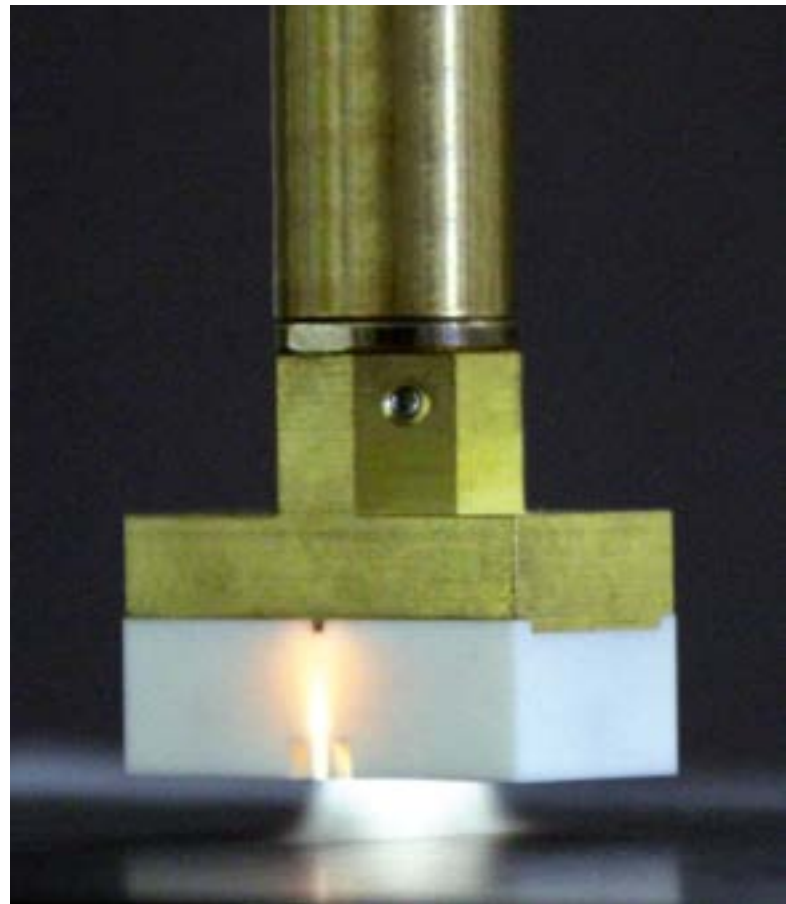
PLASMA T-SPOT SERIES

Adjustable power for maximum efficiency

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OUR CHALLENGE.



T-SPOT S3 focus nozzle



T-SPOT S3 with slotted nozzle attachment

Ultra-fine cleaning, activation and decontamination of surfaces with plasma.

Plasma is a key technology in a number of industries and an indispensable tool for surface treatment in many scientific laboratories and production facilities. Plasma technology is used wherever quality, productivity, durability, sustainability, precision and flexibility really matter – especially when treating temperature-sensitive materials such as plastics. The T-SPOT series is a powerful and versatile solution for just such cases.

- **Adjustable power:** from 250 W to 500 W
- **Robot-compatible:** flexible supply line to the plasma head
- **Space-saving design:** small space requirement thanks to compact plasma head
- **Connection:** I/O interface and systembus available
- **Easy to maintain:** simple electrode change
- **Easy integration:** can be integrated into existing production lines
- **Materials:** wide range of applications for both conductive and non-conductive materials



Generator M-series

Process-dependent power regulation

Process and thus treatment speeds are specified by the production line for many applications. This is where the plasma tool's adjustable and thus controllable power comes in. The power on the generator can be adjusted to suit the speed and thus ensure consistent quality of treatment. Lower power at lower speeds, or higher power at higher speeds: process-dependent power regulation!

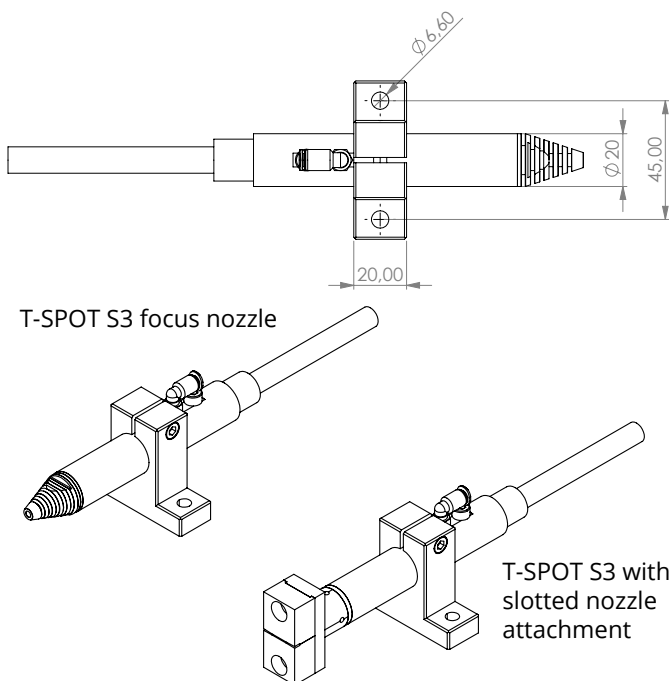
Uninterrupted regulation

The device is particularly future-proof. The adjustable power setting make it easy to react to the new power demand if the requirements happen to change. As the power setting can be changed during plasma discharge, there is no need to stop either the discharge or the treatment process.

At a glance

- Optimum results thanks to continuously adjustable power from 250 W to 500 W
- Wide range of applications for both stationary and mobile use, thanks to flexible supply line
- Standard model length of supply line to the plasma nozzle: 2m*
- Space-saving thanks to compact design
- Simple integration via I/O interface or optional optional systembus
- Robust, dirt-resistant generator housing available
- Easy to maintain thanks to simple electrode change
- Wide range of applications for both conductive and non-conductive materials
- Easy to integrate into existing production lines

*Additional supply line lengths upon request



Plasma T-SPOT Serie | Technische Daten

| Tool | T-SPOT S3 |
|--|---|
| Treatment width ¹⁾ focus nozzle | Up to 10 mm |
| Treatment distance ²⁾ | Up to 12 mm |
| Treatment width ¹⁾ slotted nozzle | Up to 20 mm |
| Approx. dimensions (H / D Ø) in mm | 140/20 |
| Approx. weight | 350 g |
| Power | 250 W – 500 W |
| Connection | 400 V AC 3-phase N-PE, CE plug 16 A, 50/60 Hz |
| Supply line ³⁾ to tool | 2 m or 4 m (with external transformer) |
| Compressed air, 6 bar | 30 l/min |

Depending on application: ¹⁾Material, ²⁾Treatment speed, ³⁾Treatment distance
³⁾Bending radius: 50 mm

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