

A close-up photograph of the Piezobrush PZ2 handheld plasma device. The device is white and cylindrical, with a nozzle at the front. A bright, glowing purple and blue plasma discharge is visible from the nozzle, directed towards a dark, textured surface. The background is dark and out of focus.

piezo brush®

The **smallest** cold-active **Handheld plasma device** in the world.
The solution for your applications in industry, in laboratory, crafts
and medicine.

Piezobrush® PZ2 – Handheld device for universal application

It couldn't be any simpler: plug in, switch on and it's ready to use

The small plasma miracle fits ergonomically in your hand and operates safely via a simple wall power supply unit. It doesn't need any external gas supply. Well-designed and with a high added value: just get started, and you're ready to go.

The advantages of PDD Technology® (piezo electric direct discharge) are perfectly obvious: Piezoelectric direct discharging is the most efficient excitation technology with a maximum of active plasma yield.

The cold-active plasma process is compatible with every material.

The PZ2 is optimized for efficiency as well as user-ease and user-friendliness. Functional nozzle inserts to match your application processes have been added. As measured by its power consumption, there is no plasma process that is more efficient for your surface treatment. Print more cleanly, glue more safely or sterilize effectively.

Surface activation

Laboratory and dental technology, modelmaking, precision engineering, micromechanics, optics, installation technology, electronics.

Print and glue

Inkjet, pad printing, encoding, microfilling, wetting behaviour of automatic processes.

Reducing microbes

Microbiology, food technology, medical technology, microfluid technology.

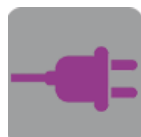
piezo brush[®]



PDD Technology[®] opens up an enormously wide range of applications. Industry, medical technology, water and air quality are just some among these attractive potentials.



PZ2



Plug socket



Handheld

Technical Information

Electrical connection	110 - 240 V / 50 - 60 Hz 15 V DC
Power consumption	max. 30 W
Weight	170 g
Version	Handheld device with power supply, integrated fan
Plasma temperature	< 50 °C
Typical treatment distance	2 - 10 mm
Typical treatment width	5 - 20 mm

Features

- No external gas supply required
- Cold active plasma
- Simple to use
- Maximum operational reliability
- Optimum efficiency
- Only power outlet needed
- Replacement nozzles: Standard, Nearfield and Multigas & Needle nozzle



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