

We are looking for partners!

# Medi Plas®

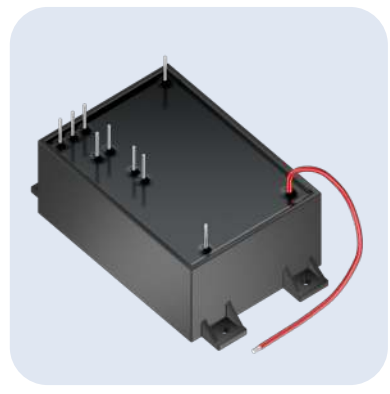
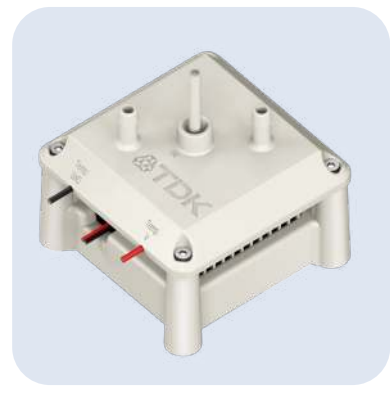
## High-performance ozone generating components for medical and industrial applications

We are looking for partners who would like to integrate the advantages of our components in their products. Ozone is a highly effective disinfectant against bacteria, mold and viruses. No resistance is known to form when ozone is used. Disinfection with ozone eliminates the need for other chemicals.

Ozone is already established as a disinfectant and is used, for example, in water treatment in swimming pools. As a very strong oxidant and disinfectant, ozone is clearly superior to other agents such as hydrogen peroxide or chlorine. Due to this oxidation strength, it is thus an economical and effective solution in many applications.

### Fields of application

- Medical
- Pharma
- Food & Beverage
- Industry
- Dental
- Packaging
- Agriculture
- Automotive



### Benefits of the Reactor

- High efficiency
- High ozone concentration
- Compact size
- Simple integration into appliance
- Variable gas flow
- Durable
- Active temperature control
- Made in Germany

### Benefits of the Driver

- High efficiency
- Temperature, voltage and overload protection
- Compact size
- Simple integration into appliance
- Easy power control
- Process monitoring signal
- Wide range of applicable loads
- Made in Germany

### Technical data

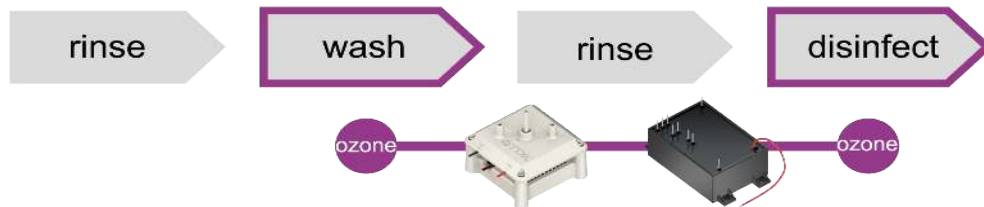
	MediPlas® Reactor	MediPlas® Driver
Typical input power	30 W	30 W
Width/height/depth	78 mm/63 mm/78 mm	68 mm/39 mm/114 mm
Weight	230 g	460 g
Reference signal	-	analog from 0 to 5 V
Max. concentration	4.000 ppm O <sub>3</sub>	-
Max. ozone quantity	5 g/h	-

## Optimization of the Cleaning In Place Cycle (CIP)

### The typical cleaning in place cycle



### The optimized cleaning in place cycle



The typical cleaning in place cycle consists of six steps. By integrating ozone into the cleaning process, the process can be optimized by two steps. This eliminates the need for chemical agents or heat. The use of ozone thus makes it possible to save time, energy and resources for end users. These savings automatically result in cost savings.

### Possible advantages for end users

- Low cost per cycle
- Avoid chemicals
- Short process time
- Environment friendly
- No consumables

