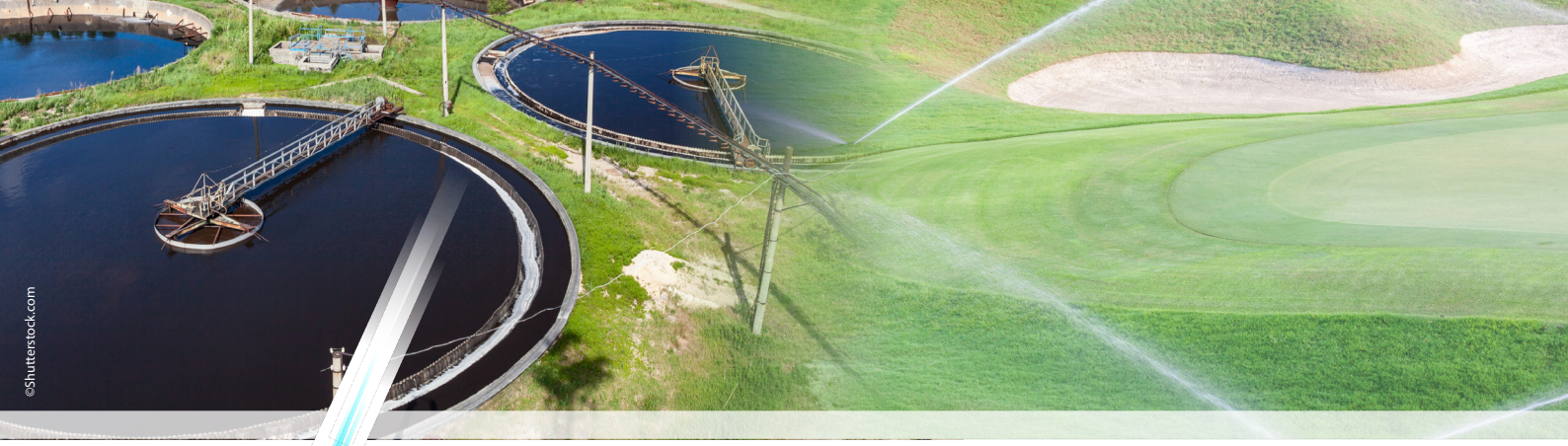


UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

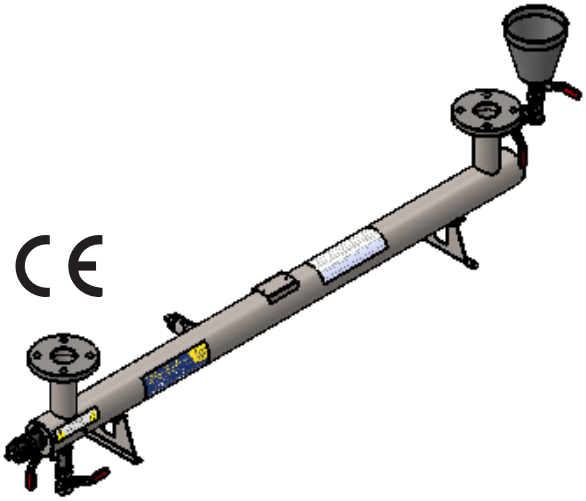
Your expert in industrial water treatment solutions using ultraviolet reactors.

MADE IN FRANCE

GERMI AD 300

> **Flow rate:** from 4.7 to 10.5 m³/h

The **GERMI AD 300** is specifically designed for treating industrial process water (rinse, wash, or recycled water), as well as water prior to discharge or storage. It also enables the production of ultrapure water and helps protect equipment (reverse osmosis, filtration).



CE

TECHNICAL SPECIFICATIONS

Equipment designed to treat an average water flow of 5.91 m³/h (T_{10} = 50% and a UV dose of at least 60 mJ/cm²) up to 8.9 m³/h (T_{10}= 70% and a UV dose of at least 60 mJ/cm²).
T_{10} = UV transmittance over 10 mm at 254 nm.

UV LAMP

Total electrical power:	300 W (1 lamp)
Germicidal output:	115 W UVC
Lamp service life:	16,000 hours or 2 years

UV REACTOR

Treatment chamber:	316L stainless steel
Inlet/Outlet:	DN 50
Maximum allowable pressure:	6 bar
Ingress protection rating:	IP 54

Triangular mounting bracket
Temperature probe
Önorm UV sensor Horizontal installation only

ELECTRICAL ENCLOSURE

Dimensions (mm):	400 x 400 x 200
Ingress protection rating:	IP 52
Power supply:	230 V / 50–60 Hz

Power switch / Lamp on indicator / Hour meter / Display / Sensor / Fault indicator

RELATED PRODUCTS

300 W UV lamp:	14000127
Quartz sleeve:	14000089
Gasket:	14000088

OPTION

Acid-cleaning pump

www.uvgermi.fr

UVGERMI, ZAC de la Nau, 19240 Saint-Viance (FRANCE) // Tel. +0033(0)5 55 88 18 88 // Fax: +0033(0)5 55 88 18 16 // Email: contact@uvgermi.fr

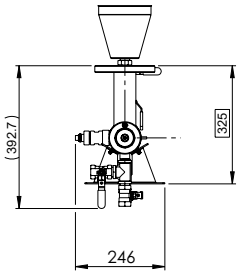
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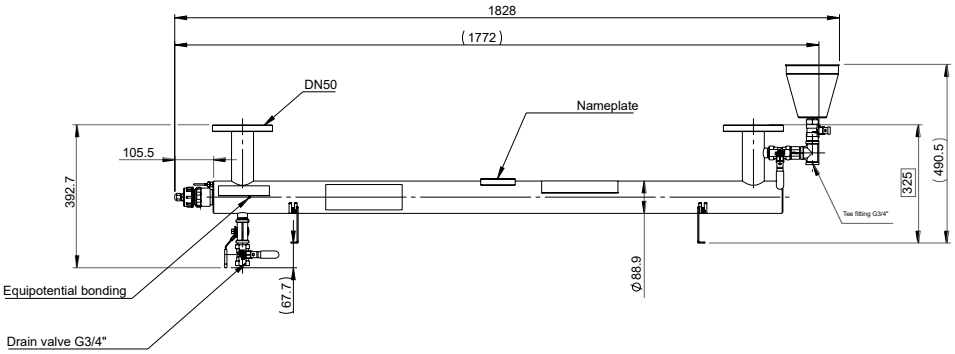
Experts in industrial water-treatment solutions powered by ultraviolet reactors.

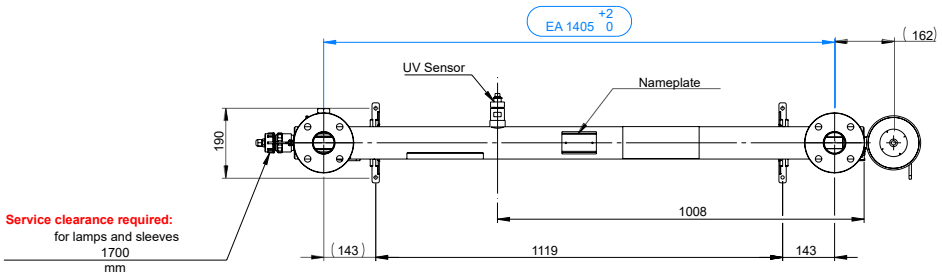
MADE IN FRANCE

GERMI AD 300

> Flow rate: 4.7 to 10.5 m³/h







INSTALLATION

The **GERMI AD 300** is installed on the main water supply line. **It must be installed horizontally**; the water inlet and outlet can be either way. Be sure to leave clearance on the lamp-connector side (minimum 1,700 mm) or plan for easy removal of the unit (bypass) to replace the UV lamp.

If needed, the unit must be protected from water hammer using an anti-water-hammer device (expansion tank, shock absorber, etc.). It must be protected from freezing and from excessive heat. **Installing a filter upstream of the unit is strongly recommended** to reduce particles that could block UV radiation.

MAINTENANCE

Maintenance is limited to replacing the UV lamp and replacing or cleaning the sleeve. The UV lamp has a service life limited to 16,000 hours; beyond that, water disinfection is no longer guaranteed. The quartz sleeve that protects the lamp makes replacement much easier. The quartz sleeve may become fouled or develop deposits. It must be cleaned with a mild acid.

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