

**Cleaning and Disinfection**

90cm wide Freestanding units

PG 8536

**Short description**

High-performance cleaning and disinfection appliance with integrated hot air drying unit as well as a drawer for four storage containers. Use for the treatment of instruments in clinics and operation practices and for the analytically pure treatment of laboratory glassware in, for example, industrial settings, environmental and research labs, biology and pharmaceutical work. The appliance has a freely programmable Profitronic + control system for the creation of customer-specific programmes.

**Performance specifications**

7 DIN trays  
3 AN sets  
2 MIC sets  
48 GYN specula  
66 narrow-necked glasses  
96 pipettes  
1600 reagent glasses

**Configuration**

Freestanding  
90 cm wide

**Control system**

Freely programmable Profitronic + control system with multifaceted programme possibilities  
Possibility to create customer specific programmes  
4-line display with user navigation in local language  
Ao value control system  
PROFITRONIC+ control system with 17 standard cleaning and disinfection programmes  
7 service programmes  
64 programme slots  
40 free programme slots  
Automatic basket recognition  
Spray arm sensor for monitoring of the spray arm speed  
Protection from loading errors and suds build-up in the circulation

**Process documentation**

Network interface for process documentation  
Serial printer interface for process documentation

**Cleaning technology**

Hygiene and fresh water rinsing system with water exchange after each rinse phase  
2 spray arms (1 spray arm on upper basket) for a thorough clean  
Optimal arranged rinsing sprays and adjustable spray arm speeds for the best possible cleaning result  
Injector system for thorough cleaning of hollow objects

**Features**

4-point filter system with surface filter, coarse filter, glass shards filter and micro-filter  
Double-walled design with insulation for optimal noise dampening  
Water meter for monitoring water intake quantity  
Electric door locking  
2 redundant sensor for monitoring and regulation of the temperature  
Extensive safety features according to EN ISO 15883  
Peak load cut-off

**Interior**

Interior made from high-quality stainless steel

**Circulation pump**

High-performance circulation pump with Qmax. 600 l/min.

**Dispensing technology**

2 integrated dispenser pumps for neutralisation/cleaning agents  
Dispenser pump DOS for 2 different liquids (e.g. rinsing agent,

neutralisation agent)

Dispenser pump DOS for 4 different liquids (e.g. disinfection agent, liquid detergent)

Ultrasound dispensing volume control, independent of temperature and agent

Drawer for 4 storage containers, each 5 l

#### **Water softener**

Metropolitan area water softener

#### **Steam condenser**

Efficient steam condenser with spray technology

#### **Drying**

Integrated hot air drying unit

Fan: 0.3 kW

Heat register: 2.3 kW

Total connection: 2.6 kW

Air power: 60 m<sup>3</sup>/h

Temperature setting in 1 °C steps: 60-115 °C

Time setting in 1 minute steps: 1-240 min.

Coarse filter EU4, filtration capacity >95%, operating life: 100 hours

Fine filter/Hepa filter H13, filtration capacity >99.992% (DIN EN 1822), operating life: 500 hours

#### **Water connection**

1 x cold water

1 x cold water for steam condenser

1 x hot water

1 x AD water

Water drain

2 drain hoses

#### **Rated loads**

3N AC 400V 50Hz

Fuse [A]: 3 x 16

Power consumption [kW]: 10.2

Heater rating [kW]: 9.0

#### **Dimensions/Weight**

External dimensions [mm]: 1175 H / 900 W / 700 D

Net weight: 192 kg

#### **Test certificates**

MPG CE 0366

VDE

VDE-EMV

IP 20