

# Pipette washer

## Model EPS TOUCH



A fully electronic pipette washer with automatic detergent dosing, which allows the user to freely set all parameters of the cleaning process and thus adapt them to the degree of contamination of the pipettes. Both pre-programmed and custom programmes ensure excellent cleaning results, even when requirements change.

### ADVANTAGES

- Intuitive operation via touchscreen
- Flexible programme creation
- Fully automatic programme sequence
- Adjustable detergent quantity
- Adjustable cleaning temperature
- Programme sequence monitoring
- Error display
- Real-time monitoring of fill levels and temperatures
- Data accessible via external connection (USB/network interface)
- Validation-ready
- Password-protected access areas
- Conductivity sensor (available as an optional extra)
- Automatic refill system for detergent tanks
- Cleaning log available for each programme cycle

### PROGRAMME SEQUENCE

1. Loading the cleaning tank with pipettes by the quiver system
2. Selecting the cleaning programme and starting the washing process
3. Running the cleaning programme (fully automatic)
4. Removal of the clean and dried pipettes from the cleaning tank



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### TECHNICAL DATA

#### Connection values

Current: 230 V/16 A  
 Power: 3,0 kW  
 Tap water: 3/4"; max. 60°C inlet temperature  
 VE-water: 3/4"  
 Water pressure: between 0,5 and 6 bar  
 Waste water: DN20

#### Consumption values for Standard Programme 1 (without guarantee)

Energy: 4,8 kWh  
 VE-water: max. 170 liters  
 Tap water: max. 180 liters  
 Detergent: individually adjustable according to customer requirements

#### Temperature range

Cleaning: 30°C to 95°C/individually adjustable according to customer requirements  
 Drying: 130°C/individually adjustable according to customer requirements

#### Pre-assigned programmes, freely customizable

**Capacity** max. 9 quivers

**Weight/material** 55 kg/stainless steel housing  
 accessories: 8 kg

#### Dimensions

Width: 345 mm  
 Depth: 600 mm (including outlet)  
 Height: 980 mm (top edge of unit with closed lid)  
 Height: 1260 mm (with lid open)

### ACCESSORIES INCLUDED

- 6 pcs. quivers 80 x 80 x 415 mm
- 3 pcs. quivers 80 x 80 x 300 mm
- 9 pcs. numbering clips for quiver marking
- 5 liters of liquid detergent
- Technical documentation and connection set
- 1 pc. connection set:
  - 1 x power cable
  - 2 x water inlet and
  - 1 x water outlet house
  - 1 x hose bow 90°
  - 6 x hose clamp
  - 4 x hose coupling
  - 4 x seal

### PIPETTE CAPACITY

Measuring pipettes							
Volume	1,0 ml	2,0 ml	5,0 ml	10,0 ml	20,0 ml	50,0 ml	100,0 ml
Per washer	1305	1080	810	441	324	144	54
Full pipettes							
Volume	2,0 ml	3,0 ml	5,0 ml	10,0 ml	20,0 ml	50,0 ml	100,0 ml
Per washer	900	576	324	225	144	54	20

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