

# Pipette washer

Model EPS 2D/N



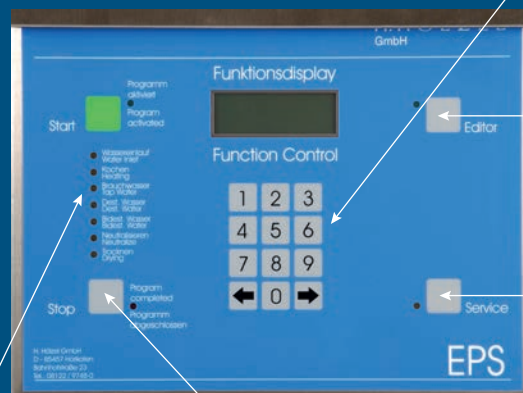
Fully electronic pipette washer with automatic detergent dosing, allowing the user to freely set all parameters of the cleaning process and thus adapt them to the degree of contamination of the pipettes. One fixed and eight freely adjustable programmes ensure excellent cleaning results at all times, even when requirements change.

The improved editor and a four-line LCD display make programming easier. The neutralisation option is carried out using standard citric acid.

## ADVANTAGES

- Nine cleaning programmes
- Operation with two types of water: simply demineralised deionised water and tap water
- Fully automatic programme sequence
- Adjustable detergent quantity
- Neutralising agent is dispensed automatically
- Adjustable cleaning temperature
- Programme sequence monitoring

## CONTROL PANEL



Key control panel for the input of the parameters

Programme editor

Service button

## PROGRAM SEQUENCE

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

Programme status display

Programme abort

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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

|            | low water level | high water level |
|------------|-----------------|------------------|
| Energy:    | 4,8 kWh         | 7 kWh            |
| VE-water:  | max. 90 liters  | max. 130 liters  |
| Tap water: | max. 180 liters | max. 270 liters  |
| Detergent: | 0 to 400 ml     | 0 to 400 ml      |

#### Temperature range

Cleaning: 30°C to 96°C  
 Drying: 130°C

#### Programmes for two types of water

Number: 1  
 Duration: approx. 8 hours

**Capacity** max. 9 quivers

**Weight/material** 50 kg/stainless steel housing  
 accessories: 8 kg

#### Dimensions

Width: 325 mm  
 Depth: 530 mm  
 Height: 920 mm (top edge of unit with closed lid)  
 Height: 1230 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:
  - 2x water inlet and
  - 1x water outlet house
  - 1x hose bow 90°
  - 6x hose clamp
  - 4x hose coupling
  - 4x seal

Status: 05/2026

## 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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