

# G 7804 Lavabor

**Miele**  
PROFESSIONAL

Ideal for a  
wide variety of  
glassware types  
and applications



# G 7804 Lavabor for laboratory glassware



The G 7804 Lavabor has been designed for cleaning laboratory glassware in schools, industrial, environmental and research laboratories.

#### Capacity

- 39 narrow necked flasks (E 329) or
- 116 pipettes (E 406) or
- 1600 test tubes (E 103/E 139)

#### Construction

- H 850 (820), W 600, D 600 mm
- Front loading machine with drop down door
- Suitable for use freestanding or can be fitted under a worktop
- Stainless steel casing and lid
- Space frame construction with side wall insulation
  - low heat and noise emissions
  - easy to recycle
- Wash chamber and spray arms in high grade stainless steel

#### Features

- Wash chamber with 2 levels
  - high capacity
- Two spray arms (3rd spray arm is in the upper basket)
  - accurate wash
- Direct coupling of upper basket and injector mobile units to water feed
- Profi Monobloc Water softener
  - continual reactivation during the cleaning process
- Water intake controlled by fly wheel counter
  - precise amount of water taken in ensures the correct ratio of water to cleaning and disinfecting agents
  - automatic extension in low pressure installations
  - booster pump not necessary
  - consumption linked reactivation of water softener
- Electro thermal door lock
  - safety for personnel
  - high process safety
- Access to check and control temperatures and temperature holding times

#### Dispenser system

- One dispenser for powder cleaning agents and two for liquid agents in the door

#### Options and accessories

- External pump for non-pressurised demineralised water feed
- Dispenser (DOS module G 60) for liquid cleaning agents
- Dispenser (DOS G 10) for neutralising liquids
- Plinth H 300 mm



The GB version of the G 7804 is fitted with a moulded plug for a simple plug-in connection to a 13 A switched socket.

# G 7804 controls

## Controls

Multitronic Novo Vario

## Programmes

- 3 standard cleaning programmes

## Programme Control

- Single switch control knob

## Display




- Programme sequence display
- Temperature and programme duration
- Programme end, optical and acoustic signal
- Service and fault check lights

## Interface

- Optical interface for service technician



## Programme chart

Programme	When to use	Pre-wash
<b>A</b> SHORT	For laboratory utensils and glassware with light water soluble contamination. This programme does not include a pre-wash or neutralisation. The final rinse is carried out with de-ionised (AD) water.	
<b>B</b> MEDIUM	For normally soiled laboratory utensils and glassware where the contamination is soluble in water or at higher temperatures where alkaline. This programme does not include a pre-wash. It includes neutralisation and the final rinse is carried out with de-ionised (AD) water.	
<b>C</b> LONG	For heavily soiled laboratory utensils and glassware where the contamination is soluble in water or at higher temperatures where alkaline. This programme includes a pre-wash and neutralisation. The final rinse is carried out with de-ionised (AD) water.	X
 DRAIN	For draining water out of the machine, e.g. when a programme has been interrupted. Turn the programme selector to the STOP position  first!	
 PRE-RINSE	For rinsing heavily soiled items (e.g. for removing soiling or disinfectant residue or to prevent soiling drying on to glassware when a complete programme does not yet need to be run).	

X = Sections included in a programme

1) Temperatures/temperature holding times in the main wash and final rinse stages can be adjusted

2) Rinse 2 has to be activated by the user if required.

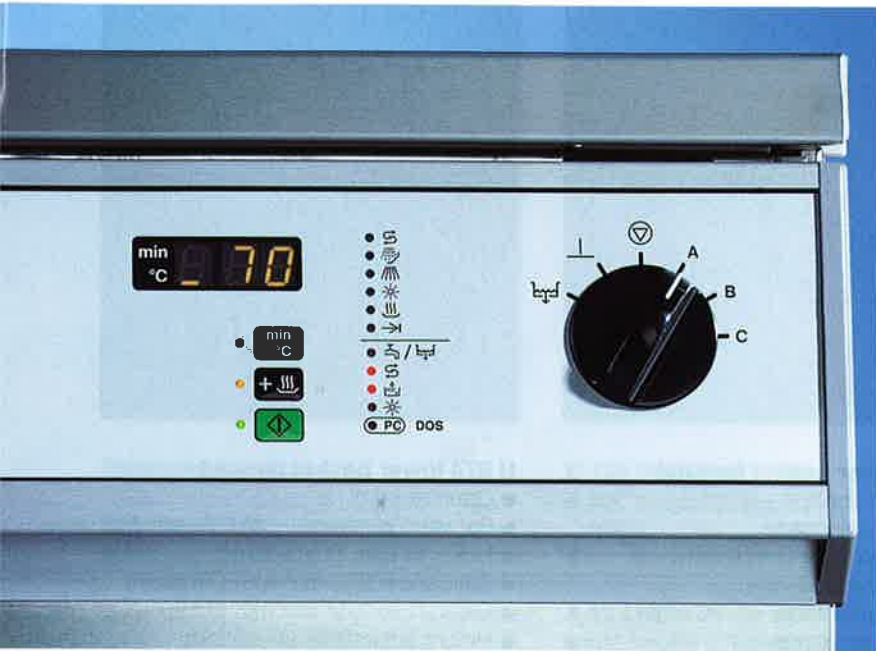
The machine can be programmed by a service technician to use AD water for this rinse if required.

DOS 1 = For dispensing cleaning agent

DOS 2 = For dispensing rinsing agent

DOS 3 = For dispensing neutralising agent

AD = Aqua destillata (programmable for Rinse stage 2)



Main wash 1)	Rinse 1	Rinse 2 2)	Final rinse 1)	Drying (optional)
X DOS 1 70°C / 5'		(X) DOS 3 (AD)	X 70°C / 3' AD (DOS 2)	(X)
X DOS 1 70°C / 5'	X DOS 3	(X) (AD)	X 70°C / 3' AD (DOS 2)	(X)
X DOS 1 70°C / 5'	X DOS 3	(X) (AD)	X 70°C / 3' AD (DOS 2)	(X)
	X			

ed to suit user require-

quired.

# Baskets and inserts

## Superb cleaning results using special baskets and inserts

The Miele fresh water circulation system, coupled with the double wide-jet spray arms washes on two levels.

The upper and lower stainless steel baskets, O 188 and U 874 can be fitted with a wide range of inserts to suit individual wash requirements.



### O 188 upper basket (empty)

- Open at front
- For various inserts
- H 215, W 531, D 475 mm
- Clearance: 165 mm
- Height adjustable +/- 20 mm
- Built-in spray arm

### O 190 upper basket (empty)

- As O 188
- Clearance: 215 mm



### U 874 lower basket (empty)

- Open at front
- For various inserts
- H 50, W 534, D 515 mm
- Clearance: 270 mm with O 188
- Clearance: 220 mm with O 190
- Height adjustable +/- 20 mm



### E 106 Insert 1/2

- With 28 large and small spring clips
- For lower basket

### E 106/1 Insert 1/2

- With 28 x 105 mm small spring clips
- For upper or lower basket

### E 106/2 Insert 1/2

- With 15 x 175 mm large spring clips
- For lower basket



### E 109 Insert 1/2

- For 21 beakers up to 250 ml, round and conical flasks etc.
- For lower basket

### E 110 Insert 1/2

- For 10 beakers 250 – 600 ml.
- For lower basket

### E 111 Insert 1/2

- For 8 beakers 600 – 1000 ml.
- For lower basket

### E 144 Insert 1/2

- For 18 beakers up to 250 ml.
- For upper or lower basket



### E 118 Insert 1/1

- For 38 Petri dishes
- For upper or lower basket

### E 136 Insert 1/1

- For 56 Petri dishes
- For lower basket

### E 137 Insert 1/1

- For 56 Petri dishes
- For use with E 136