

## WMD Water Mixing and Dosing Machine

### Application

The Water Mixing and Dosing Machine mixes the set required temperature from hot, cold and ice water and adds the preselected water volume to the kneading bowl. The volume of water and the temperature can be set easily and quickly using the +/- shortcut keys and the ten-key keyboard. Temperature fluctuations starting at 0.1°C can be read off on the digital control thermometer. Temperature precision of +/- 1°C can already be achieved with the first and the smallest quantities (>5l). All necessary installations are included for fully automatic ice-water operation. Direct control of the pump of a cooling unit occurs with dosing start. The technical preconditions exist with the **WP-L Water Cooler**.

### Advantages

#### Computer-controlled rinsing water optimization

- Low rinsing water consumption, environmentally friendly

#### water-tight holder for the WP-L recipe memory card

- Data backup for all relevant information

#### Key switch for programming lock

- No unauthorized recipe/parameter changes possible

#### LCD graphics screen with backlighting and user-friendly large lettering display

- Easy to read screen display

#### Data interface (RS 232 C) with the WP-L software protocols 'V24-NET' und 'Local-Net'

- Open interface for remote control of the WMD

#### automatic ice water changeover field

- Saves dosing time

#### nighttime starter for four kneaders

- Saves dosing time. In the morning, the first prepared dough batch can already be filled with water

#### Connection for external dosing start

- Time saving with Dosimat control for recipe no. and % quantity synchronization

#### dosing of small quantities of cold, hot and ice water carried out by separate pushbuttons

- Time saving

#### Programming of 150 water-mix recipes

- Clear recipe display on one screen page





## WMD

### Operation

#### Operating Modes

##### Automatic – Automatic Dosing

- Set recipe number
- Press start button – ready!

##### Manual – Manual Dosing

- Set water quantity
- Set water temperature
- Press start button – ready!

##### Dosing

Small quantities of cold, hot or ice water can be added by pushbutton.  
Dosing quantity is shown on display.

#### Programming possible for 150 water-mix recipes

- Temperature required value
- Required quantities
- Recipe name
- Kneader number
- Kneader start (yes / no)
- Lockable with series key switch

#### Features

- Ice water mode
- Night-switch device
- Kneader control for 4 kneaders
- Can be coupled with Dosimat (computer control for flour dosing)
- Incl. 2.5 m additional hose with mouthpiece and pipe air release valve only with WMD 162
- With operating and control unit STB 152 and external water mechanism EWM 162

#### Options

Extendable telescope outlet  
Additional hose  
EWM 152 – complete water mechanism for dosing water, incl. white plastic cover hood  
Electric switch for several extraction points  
Recipe memory card  
Networking with data pool

### Technical data

		WMD 153	WMD 162
			STB 152      EWM 162
<b>Dimensions</b>	(B x H x D) in mm	460 x 572 x 235	460 x 572 x 255      1,000 x 700 x 180
<b>Connections</b>	Water	R 1 (or on site reduced to 3/4")	R 1/2 ", R 3/4 " and R 1" are possible
	Electric	100 VA at 230 V/50 Hz	500 VA at 230 V/50 Hz
<b>Performance data</b>	Batch range	5 – 999 l	80 – 999 l