

Fresh Answers for today's bakery.

WATER METER-MIXERS

Domix 35M • 45 • 45A

The DOMIX series of water meters utilize state-of-the-art technology to deliver the most accurate volume and temperature dispensing available in the bakery equipment market today. The key to this performance is a proprietary, cast, thermostatic mixing valve developed specifically for high-accuracy dosing.

All DOMIX meters are microprocessor controlled and feature touch-type keyboards and electronic display of delivered water quantity and temperature. Electronic burn-in, testing of all electronics and calibration is performed on every meter.

There are three models: 35M, 45 and 45A.

All models feature:

- State-of-the-art, proprietary, cast, mixing valve
- Microprocessor control
- · Brass, bronze and stainless steel construction - no iron or cast iron
- Stainless steel double-net filters, in-line stainless check valves, and stainless inlet ball tap valves
- · Stainless steel housing
- 8-foot delivery wand with stainless fittings
- · Remote pump power supply plug with fuse and spare
- English (lbs/oz; °F) or metric (liters; °C) settings
- ETL (to UL and NSF) and CE approval
- · Memory of last setting
- · Resumption of delivery after program interruption or power failure
- 2 electronic displays (water volume remaining and discharge temperature)

The DOMIX 45 also features:

- Memory for 80 programs
- · Highly accurate external temperature probe
- 3 electronic displays (water volume remaining, discharge temperature, and external probe temperature)

The DOMIX 45A includes the features of the 35M and 45. plus the following:

- · Automatic bypass while water is coming to temperature
- Microdoser function that allows accurate dosing of large and small volumes



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PART OF **AGA** Bakery

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- Ball-taps with O-ring gasket. 1.
- Unions for alternative installation. 2.
- З. Double stainless-steel mesh water
- filters. 4 Check valves
- Temperature dial. 5.
- STOP/C: manual stop / clear 6.

Technical data

- memory / - keys: for adjusting dosage. 7
- 8. START: starts water delivery (or re-starts after interruption).
- 9. Electric supply plug / remote control plug.
- 10. 8'-0" (2.5m) delivery hose with stainless steel terminals.
- 11 Function control lights. Electronic thermometer display, 12.
- °C or °F. 13. Digital display for water volume
- selected, or already discharged after pressing STOP. (litres or pounds).



- Ball gate valves.
- Unions for alternate installation. 2.
- 3. Double stainless-steel mesh water filters.
- Check valves 4

1.

- Temperature dial. 5.
- External temperature probe 6.
- Electric supply plug / remote control 7. plug.
- 8. Top electronic display: target water volume at start, then volume
- remaining while running. Center electronic display: water temp 9.

- 10. Bottom electronic display: water temp taken by external probe Button toggles between temperature 11.
- and volume displays. 12. STOP/C: manual stop/clear memory START: starts water delivery (or re-
- starts after interruption). 13. 8'-0" (2.5m) delivery hose with
- stainless steel terminals. 14 By-pass connection
- 15. Function control lights.
- 16. Data entry keyboard
- at discharge

DOMIX	- 45 -	110V/60HZ	- 55 -	ΕT
Product	Model	Voltage	Housing	Туре
DOMIX	35M 45 45A	110V/60hz/1ph	SS	ETL
Housing:	Line voltage Housing typ Model versio		1	

DOMIX model >> 45 / 45A 35M 17.5"W x 20"H x 8"D 17.5"W x 20"H x 8"D Dimensions¹ (45cm x 51cm x 20cm) (45cm x 51cm x 20cm) Voltage/Frequency 110V/60hz 110V/60hz Water Connections 1/2" NPT 1/2" NPT **Bypass Connection** 16mm n/a 150° F (65° C) 150° F (65° C) Max incoming temp Temperature out range 36-140° F (2 - 60° C) 36–140° F (2 – 60° C) **Temp tolerance** ± 2° F (1° C) ± 2° F (1° C) Min incoming pressure 15 psi (1 bar) 15psi (1 bar) Max incoming pressure 75 psi (5 bar) 75 psi (5 bar) 999.9 lbs or 999.9 L Maximum dispensed quantity 999.9 lbs or 999.9 L Quantity tolerance ± 1% $\pm 1\%$ Dispensing Rate @ min 4.5 gpm (18 Lpm) 4.5 gpm (18Lpm) incoming pressure Dispensing Rate @ max 10.5 gpm (40 Lpm) 10.5 gpm (40 Lpm) incoming pressure

Notes 1 Dimensions include the area shown in the illustrations above. Allow extra 4" (10cm) for bypass connection hose on Domix 45/45A.

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