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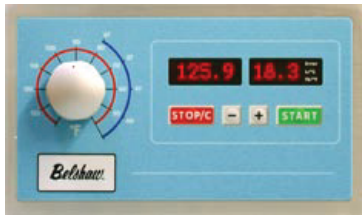
- Automatic bypass while water is coming to temperature
- Microdoser function that allows accurate dosing of large and small volumes

Domix 35

Domix 45/ 45A

45 Garema Circuit, Kingsgrove NSW 2208 Australia
t. +61 2 9740 5122
e. info@rvo.com.au
www.rvo.com.au

DOMIX 35 M

DOMIX 45

DOMIX 45 A

1. Ball-taps with O-ring gasket.
2. Unions for alternative installation.
3. Double stainless-steel mesh water filters.
4. Check valves.
5. Temperature dial.
6. STOP/C: manual stop / clear memory
7. + / - keys: for adjusting dosage.
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.
12. Electronic thermometer display, °C or °F.
13. Digital display for water volume selected, or already discharged after pressing STOP. (litres or pounds).

1. Ball gate valves.
2. Unions for alternate installation.
3. Double stainless-steel mesh water filters.
4. Check valves
5. Temperature dial.
6. External temperature probe
7. Electric supply plug / remote control plug.
8. Top electronic display: target water volume at start, then volume remaining while running.
9. Center electronic display: water temp at discharge
10. Bottom electronic display: water temp taken by external probe
11. Button toggles between temperature 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

Technical data

DOMIX model >>	35M	45 / 45A
Dimensions ¹	17.5"W x 20"H x 8"D (45cm x 51cm x 20cm)	17.5"W x 20"H x 8"D (45cm x 51cm x 20cm)
Voltage/Frequency	110V/60hz	110V/60hz
Water Connections	½" NPT	½" NPT
Bypass Connection	n/a	16mm
Max incoming temp	150º F (65º C)	150º F (65º C)
Temperature out range	36–140º F (2 – 60º C)	36–140º F (2 – 60º C)
Temp tolerance	± 2º F (1º C)	± 2º F (1º C)
Min incoming pressure	15 psi (1 bar)	15psi (1 bar)
Max incoming pressure	75 psi (5 bar)	75 psi (5 bar)
Maximum dispensed quantity	999.9 lbs or 999.9 L	999.9 lbs or 999.9 L
Quantity tolerance	± 1%	± 1%
Dispensing Rate @ min incoming pressure	4.5 gpm (18 Lpm)	4.5 gpm (18Lpm)
Dispensing Rate @ max incoming pressure	10.5 gpm (40 Lpm)	10.5 gpm (40 Lpm)

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

Product Description Key

DOMIX	—	45	—	110V/60HZ	—	SS	—	ETL
Product		*Model*		*Voltage*		*Housing*		*Type*
DOMIX		35M 45 45A		110V/60hz/1ph		SS		ETL

Guide to options:
Model: Domix models 35, 45, or 45A
Voltage: Line voltage, frequency, phase
Housing: Housing type
Type: Model version

Currently available models:
DOMIX–35M–110V/60HZ–SS–ETL
DOMIX–45–110V/60HZ–SS–ETL
DOMIX–45A–110V/60HZ–SS–ETL

Certifications

45 Garema Circuit, Kingsgrove NSW 2208 Australia
t. +61 2 9740 5122
e. info@rvo.com.au
www.rvo.com.au

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