

B058M**THERMOSTATIC CONTROLLED HEATING/COOLING SYSTEM “TWO” VICATRONIC**

The device produces water with suitable heating and cooling elements at controlled temperature of $20\text{ }^{\circ}\text{C} \pm 0.5\text{ }^{\circ}\text{C}$. The water is forced into the tank E043 and then back to the bath allowing to perform the test at controlled temperature and humidity as requested by EN196-3 Standard. The system accepts ONE or TWO Vicatronic.

**E044-06****Specifications:**

Water capacity: 7.5 litres approx.

Optimized temperature range: 15 to 25 °C

Accuracy: $\pm 0.5\text{ }^{\circ}\text{C}$

Power supply: 230V 1ph 50-60Hz 350W

Dimensions: 415x300x420 mm approx.

Weight: 20 kg approx.

ACCESSORY

B059M-11 TEMPERATURE PROBE, PT100: Measurement of the water temperature in real time. It's connected with the monitor in order to show the temperature during each test, to collect the data at the end of penetration and to include the temperature data in the final reading.

**E043****E043**

MOULD TANK to test the specimen immersed in water. The test must be performed in room having a controlled temperature of $20\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$. The saturated humidity is obtained by the immersion in water of the specimen as required by the standard EN196-3.

E044-30**NEEDLE CLEANING DEVICE**

It removes the residual cement particles from the needle keeping it constantly lubricated.

**E044-30****Accessories and Spare Parts for E044N**

- E042-02N** CONSISTENCY PLUNGER Ø 10x50 mm
- E042N** NEEDLE for final setting Ø 1.13 mm, BS, EN 196-3
- E042-01N** NEEDLE for final setting ASTM 1 mm diameter.
- E044-45** ADDITIONAL 700 g WEIGHT (EN, NF)
- E055-04** PLASTIC MOULD Ø 80/90x40 mm high following UNI
- E055-11** BRASS MOULD Ø 80/90x40 mm high following BS
- E055-13** PLASTIC MOULD Ø 65/75x40 mm high following DIN

GYPSUM TEST

STANDARDS: EN 13279-2 | DIN 1168

E044-40 N

CONICAL PENETRATION NEEDLE, having 8 mm of diameter and 50 mm long, to make gypsum tests following EN, DIN Specifications.

E044-41 N

PROBE 100 g, to make test on gypsum following EN, DIN Specifications.

**E044-40N****SPARES**

- E046N** Ø 1.13 mm hardened needle (EN 196-3)
- E046-01N** Ø 1 mm hardened needle (ASTM)
- E055-05** Plastic mould Ø 60/70 x 40 mm high following ASTM
- E055-07** Glass base plate
- E055-10** Plastic mould Ø 70/80 x 40 mm. high following EN, NF
- E042-06N** Probe 300 g to EN 196-3
- E044-48N** Tang to fix the needle to the probe
- C127-11** Thermo-paper roll for printer (pack of 10 rolls)