CURING CHAMBER

EXACT Match 2 & Mini

EXACT MATCH 2 & Mini accelerate construction schedules by providing accurate and timely cylinder breaks. The chambers heat and cool your cylinders to the same temperature as your curing concrete, or test data. They are designed to go in a testing lab, and multiple can be stacked and setup side by side to save space. The built-in display shows temperature, strength, estimated strength/target time as well as the project, product and location of the concrete you are matching.

SKU: EX-EM-2 / EX-EM-2M

Features

- Real-time, wireless temperature matching through the EXACT Portal with easy to use web interface
- Temperature matching to probes, fixed temperature or a user defined table
- Heating and active cooling
- Online, cloud access, control and monitoring
- Built-in LCD display

Applications

- Concrete research and testing
- Accelerated curing and stripping
- Maturity calibration and verification

Project References

- Lafarge
- CBM/St. Mary's
- Multiple precasters (available upon request)

Technical Specifications

Curing Temperature	EM2: 5 °C to 70 °C (40 °F to 158 °F) EM2 Mini: 2 °C to 70 °C (35.6 °F to 158 °F)
Environmental Operating Range	5 °C to 35 °C (40 °F to 95 °F)
Capacity	EM2: 10 of 4 x 8 in cylinders (10.1 x 20.3 cm) EM2 Mini: 4 of 4 x 8 in cylinders (10.1 x 20.3 cm)
Sensing Accuracy	±0.5 °C (±0.9 °F)
Average Matching Accuracy	±2 °C (±4 °F) typical
Voltage	120 VAC, 60Hz
Current	EM2: 10 A (peak) / 5.8 (continuous) EM2 Mini: 6 A (peak) / 3 (continuous)
LTE	3GPP Release 13 LTE Cat M1 (Cat M1 bands: 2, 3, 4, 5, 8, 12, 13, 20, 28) LTE Power Class: 23 dBm
WiFi	Frequency: 2.4 GHz Output Power: 20 dBm
External Dimensions	**EM2**: 53.5 cm (L) x 45.5 cm (W) x 66.8 cm (H) (21.2 in x 17.9 in x 26.3 in) EM2 Mini: 53.5 cm (L) x 44.5 cm (W) x 49.0 cm (H) (21.2 in x 17.5 in x 19.3 in)
Internal Dimensions	EM2: 9" long x 13" wide x 22" high (23 x 33 x 55.9 cm) EM2 Mini: 9" long x 12.5" wide x 16" high (23 x 31.8 x 40.6 cm)
Weight	EM2: 29.0 kg (64 lbs) EM2 Mini: 23.5 kg (52 lbs)