

CURING CHAMBER

EXACT Match 3

Accelerate construction schedules by providing accurate and timely cylinder breaks. EXACT Match chambers heat and cool your cylinders to the same temperature as your curing concrete or test data. The EM3 is engineered for the accuracy of test labs and the rigors of the construction industry. The built-in display shows temperature and the progress (time or strength) of your concrete cylinder as well as the project, product and location of the concrete you are matching.

SKU: EX-EM-3



Features

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

Applications

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

Technical Specifications

Internal Match Temperature Range	Min: 10°C below ambient temperature Max: 85°C (185°F)
Ambient Operating Temperature Range	5°C to 40°C (40°F to 104°F)
Capacity	10 cylinders @ 4 x 8 in (10.1 x 20.3 cm) 5 cylinders @ 6 x 12 in (15.2 x 30.4 cm)
Sensing Accuracy	±0.5°C (±0.9°F)
Average Matching Accuracy	±2°C (±4°F) typical
Voltage	100-240VAC, 50/60Hz
Current	10 A (Peak) / 6.4 A (Continuous)
WiFi	Frequency: 2.4 GHz Output Power: 20 dBm
Ethernet	Yes
Cellular Technology	LTE Cat M1 NAmer: Bands 2,4,12 (1900/1700/700 MHz) Europe: Bands 3,8,20 (1800/900/800 MHz) Australia: Bands 28 (700 MHz)
Country Compatibility	See appendix
External Dimensions	58 cm (L) x 55 cm (W) x 60 cm (H) (22.83 in x 21.65 in x 23.62 in)
Internal Dimensions	50 cm (L) x 35 cm (W) x 27 cm (H) (19.68 in x 13.77 in x 10.62 in)
Weight	60 kg (132 lbs)