

PORTABLE CURING BOX

EXACT Match 1

EXACT MATCH accelerates construction schedules by providing accurate and timely cylinder breaks. The chamber keeps your cylinders at the exact temperature as the concrete on-site. It is portable so that the chamber can be on-site for the first 24-hours, then transported to a lab for breaks and further curing.

SKU: EX-1 / EX-EM-1-AUS / EX-EM-1-EU



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 venting
- Online, cloud access, control and monitoring

Applications

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

Project References

- Dufferin/CRH
- CBM/St. Mary's
- EllisDon Construction Sciences
- Crosslinx Eglinton LRT, Toronto
- CIBC Square, Toronto

Technical Specifications

Curing Temperature	Ambient to 70 °C (158 °F)
Environmental Operating Range	-20 °C to 50 °C (-4 °F to 122 °F)
Capacity	15 cylinders @ 4 x 8 in (10.1 x 20.3 cm), 6 cylinders @ 6 x 12 in (15.2 x 30.4 cm)
Sensing Accuracy	±1.0 °C (±2 °F)
Average Matching Accuracy	±2 °C (±4 °F) typical
Voltage	120 VAC, 60Hz
Current	10 A (peak) / 5.8 (continuous)
LTE	North America: 3GPP Release 13 LTE Cat M1 (Cat M1 bands: 2, 3, 4, 5, 8, 12, 13, 20, 28) International: 3GPP E-UTRA Release 13 LTE Cat 1 (Cat 1 bands: 1,3,7,8,20,28A) LTE Power Class: 23 dBm
External Dimensions	94 cm (L) x 49.5 cm (W) x 47.6 cm (H) (37 in x 19.5 in x 18.75 in)
Internal Dimensions	66 cm (L) x 38.1 cm (W) x 31.1 cm (H) 26 in x 15 in x 12.25 in
Weight	15.4 kg (34 lbs)