RAPID-CHLORIDE PENETRATION TEST (RCP) (B500)

Category: Concrete



Product Code: B500

Category: CONCRETE

Sub-Category: PERMEABILITY

- The Rapid Chloride Permeability Test (RCPT) is an essential evaluation method in civil engineering, used to measure the permeability of concrete and other construction materials.
- This test offers important information regarding the durability and quality of concrete structures.

STANDARDS

ASTM C1202 • ASTM C1760

TECHNICAL SPECIFICATIONS

- Standalone 4-Channel Rapid Chloride Penetration Tester Device
- Full-featured user interface with a touch screen display
- Independent 4 channels allowing separate test execution and finalization for each channel
- Automatic test finalization and result calculation according to ASTM C1202-12 standard
- Automatic test termination if cell temperature exceeds 90°C
- Automatic test termination if current exceeds 400mA
- ±0.1mA up to 600mA current measurement range
- 0-125°C temperature sensors for each of the 4 channels
- Internal 60V 2.5Ah regulated power supply
- Cells and Temperature Sensors must be ordered separately

ORDERING INFORMATION

| Item | Code |
|---|-----------|
| RAPID CHLORIDE PENETRATION TEST (RCP) 4-Channel | B500X04AU |
| RAPID CHLORIDE PENETRATION TEST (RCP) 8-Channel | B500X08AU |
| CELL for RCP TEST | B500P001H |
| TEMPERATURE SENSOR for RCP TEST | B500P002H |

Keywords: