



SmartBox™

Wireless Concrete Sensor for Resistivity and Temperature Monitoring



Wire-Free
& Wireless
Technology



Easy
Activation
& Installation



Accurate
Real-Time
Data Display

Technical Specifications

Reading Range
1 - 3000 Ω

Measurement Frequency
10 KHz

Accuracy
 $\pm 2\%$

Measurement Time
<1s

Battery Life
Up to 3 months

Data Communication and Analysis
Free Android app

Overview

SmartBox is a wireless sensor for measuring and monitoring the electrical resistivity and temperature of fresh concrete. Monitoring these properties provides insights regarding the water content of your mix, giving you a good indication on the setting and hardening time of your concrete. This data is recorded by the SmartBox device where it can be downloaded in the mobile app (available for Android).

Features

Software

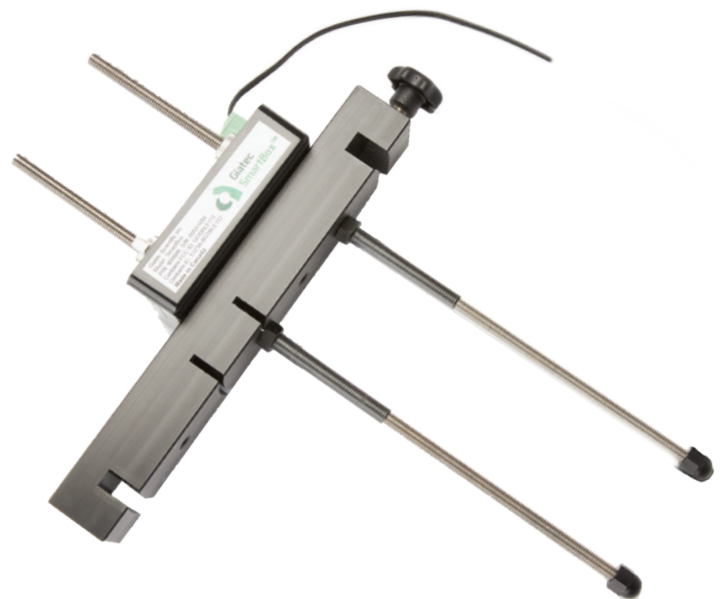
- Free Android app
- Easy data sharing
- Accurate real-time data display
- Simultaneous measurement of electrical resistivity and temperature

Hardware

- Wire-free and wireless technology
- Rugged and compact design
- Long battery life
- Fast, simple, and hassle-free activation and installation

Application

- Water content in fresh concrete
- Prediction of setting time
- Setting time measurement
- Crack detection in concrete



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