

eTrace Precast ETC 2CH

Benefits

Timely Detensioning

Cut strands when the strength has reached its target value and avoid risks and damages

Costs Reduction

Optimize energy consumption, workforce, and mix designs

Cure Control

Monitor the curing process in real time

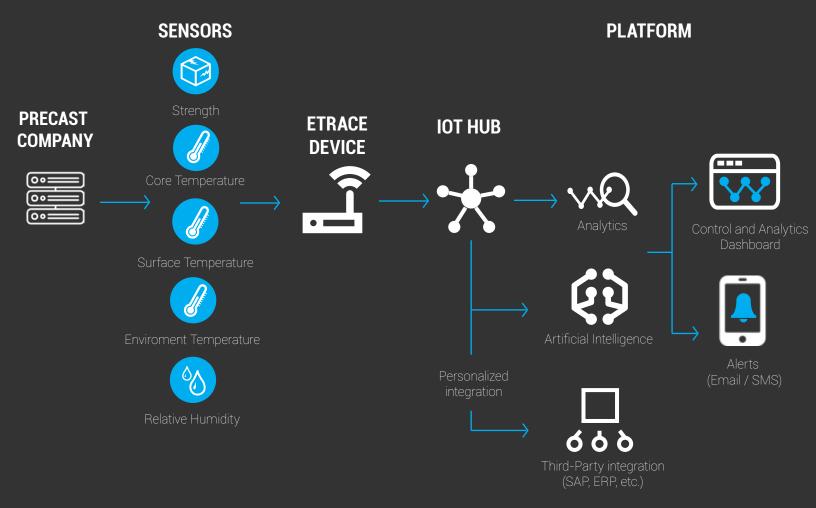
Traceability and Quality

Full traceability of your quality controlled processes

Description

eTrace Precast offers 2 input channels for Type k thermocouple, relative humidity sensor and environment temperature sensor in an automated and real-time solution for the estimation of concrete strength by means of the maturity method. The eTrace devices measure and transmit information to the eTrace platform, which through analytics generates accurate and reliable information in real time. It is possible to configure different types of alerts to be notified automatically to all people involved.





Technical Specifications

General

Power: 110 to 240 VAC @ 50 / 60Hz, POE not supported

Consumption: 1W @ 110/240 VAC Protections: overvoltage, internal fuse Power button: Capacitive button type 0.96 ich OLED screen with backlight

Status LED: RGB LED diffuser

Charge

Wireless charging system

Ports / Conectivity

Wireless: LoRa **Battery support**

Battery type: Lithium Ion

Nominal capacity: 3000 mAh (@ 3.7 V)

Weather Temperature / Relative Humidity (RH%)

Precision Relative Humidity Sensor: ± 3% RH (max), 0-80% RH

High Accuracy Temperature Sensor: ±0.4 °C / ±33 °F (max), -10 to 85 °C / 14 to 185 °F

0 to 100% RH operating range

Factory-calibrated

Temperature

2 Channel: K Type Thermocouple

Environmental and mechanical characteristics

IP65, ASA plastic (ABS + UV Protection)

Dimensions: 120 mm x 109 mm x 63 mm / 4.72" x 4.29" x 2.48"

Operating humidity: 5 ~ 95% RH

Operating temperature: $-10 \sim 70 \,^{\circ}$ C (14 $\sim 158 \,^{\circ}$ F)

Weigth: 222 g / 0.49 lbs



Telephone: (+57 4) 448 7474 Email: info@stratosgroupsa.com Medellin, Colombia www.stratosgroupsa.com