COMMAND CENTER

CONCRETE TEMPERATURE & MATURITY SYSTEM

- Reliable
- Easy to Use
- Affordable

Measure and log concrete temperature history, calculate maturity, and evaluate in-place strength.

How Does it Work?

The COMMAND Center™ system includes state-of-the-art temperature sensors, comprehensive software, and multiple data collection options to fit projects of any size and budget. Each sensor arrives ready to track temperature and maturity right out of the box. Place concrete over the sensors, collect data, and use COMMAND Center Concrete software to view the sensors' temperature histories and estimate concrete strength, on or off your job site.

Affordable Smart Sensors

- Small, self-powered sensors continuously collect and store data, under warranty for one year
- Sensors are pre-programmed and always on
- Custom sensor lengths and quantity discounts available
- Add sensors to your Projects via Bluetooth™ or by scanning a sensor's label

Free, Powerful Software on Any Device

- Sync project files automatically with team members across multiple devices including Android and Windows devices
- Receive alerts via text or email when your concrete approaches temperature limits or achieves target strength
- Create professional PDF reports
- Rest assured all data is protected, uninterrupted, and unalterable
- Enjoy unlimited users and no license fee for COMMAND Center Cloud and COMMAND Center Concrete 4 Web access

Learn more about how COMMAND Center can improve your next construction project at **COMMANDCenterConcrete.com** or call us at **+1 (888) 451 6233.**

Proudly assembled in the USA.

 | 6111 Balcones Drive | Austin, TX 78731 USA

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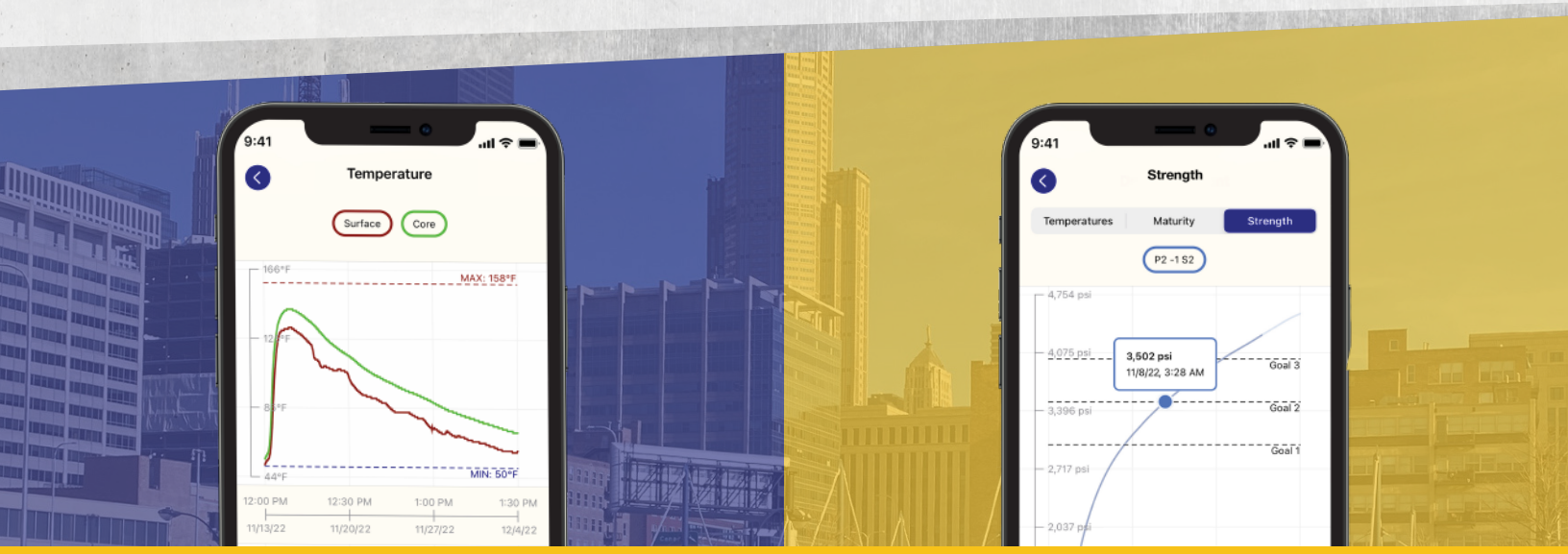

Features

Meet Spec Requirements for Concrete Temperatures

When do I use it?

- **Mass Concrete Placements:** Know the maximum internal temperatures and differentials as required by thermal control plans and job specifications
- **Cold Weather Placements:** Ensure your curing techniques are keeping concrete warm enough
- **Hot Weather Placements:** Confirm internal concrete temperatures don't exceed maximum values

Why COMMAND Center?

- View and analyze peak temperature data for individual sensors or multiple sensors at once
- View and analyze temperature differentials between sensors
- Compare data accurately across all sensors with data logged at common, uninterrupted intervals
- Switch between Celsius and Fahrenheit

Use Maturity to Evaluate In-Place Concrete Strength in Real Time

When do I use it?

- **Fast Track Construction:** Keep fast track projects on schedule with real-time monitoring
- **Vertical Construction:** Know you've met strength requirements for form removal and post-tensioning operations
- **Quality Control:** Monitor concrete consistency at the jobsite
- **Pavements:** Confirm you've met strength requirements for opening to traffic in new concrete and repair work

Why COMMAND Center?

- Meet AASHTO and ASTM standards
- Choose between Nurse-Saul and Arrhenius
- View multiple sensors at once
- Select SI, US, or a mix of units
- View data in the field to know if you've met strength requirements

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Buyer's Guide

1. Sensors

Every project will need COMMAND Center Sensors. Sensors come in a variety of standard lengths and customized lengths. The number of sensors you need depends on your project.

COMMAND Center Sensors 	4 ft (1.22 m) lead wire	301006-X4	$49	30 ft (9.14 m) lead wire	301006-X30	$68
	8 ft (2.44 m) lead wire	301006-X8	$53	50 ft (15.24 m) lead wire	301006-X50	$78
	15 ft (4.57 m) lead wire	301006-X15	$59	Custom length lead wire	301006-XL	Varies

2. Software and Cloud Access

Every purchase includes software with free access to the COMMAND Center Cloud via the powerful COMMAND Center Concrete 4 iOS® App and through a link to the COMMAND Center Concrete 4 Web portal. COMMAND Center Concrete 4 iOS® app can be installed free of charge from the App Store.

3. Your Preferred Download Option

Retrieve data from COMMAND Center Sensors using any of the following options:

Wireless: Use with iPhone® or iPad®.

For on-site wireless monitoring:

Sensor Reader Module (SRM) 	301006-AC-SRM	$179	
	SRM is reusable and connects to multiple sensors. Minimum one required.		

and/ or

For automatic, remote wireless monitoring:

AutoCollector 	301006-AC	$1,999	
	AutoCollector is reusable and connects to multiple sensors and/or SRMs. Minimum one required. Transmits data automatically to the Cloud.		

For on-site wired monitoring:

USB Download Cable 	301006-UC	$95
	Use with Windows® PC, laptop, or tablet.	

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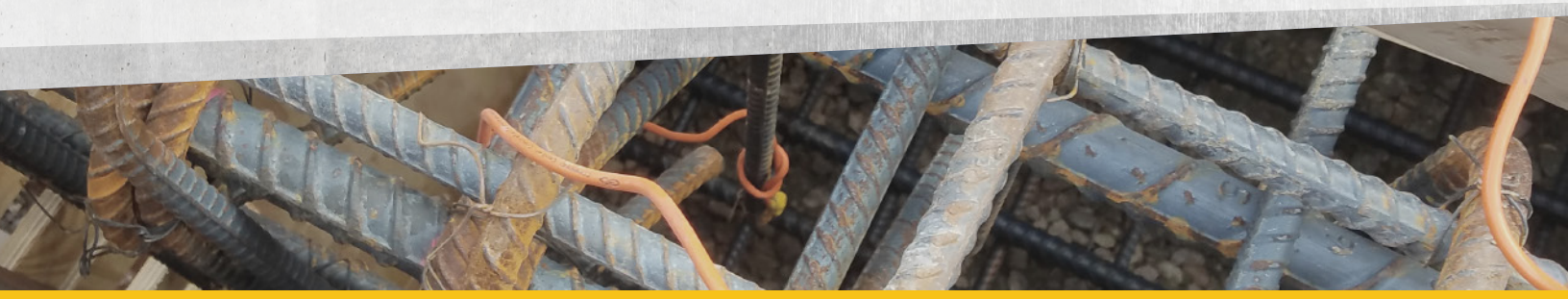

Specifications

Sensor Details

Maturity Method	Nurse-Saul or Arrhenius (ASTM C 1074)
Datum Temperature/ Activation Energy	User Definable
Sensor Accuracy	+/- 1.0 °C (1.8 °F)
Sensor Resolution	0.5 °C (1.0 °F)
Temperature Range	-40.0 to 85.0 °C (-40.0 to 185.0 °F)
Measurement Intervals	1, 2, 5, 10, 15, 20, 30, 60 minute(s)
Sensor Size	1/4 inch x 3/4 inch (6.35 mm x 19.05 mm) diameter
Cable Length	4 ft (1.22 m), 8 ft (2.44 m), 15 ft (4.57 m), 30 ft (9.14 m), or 50 ft (15.24 m). Custom lengths available.
Sensor Battery Life	Warrantied for 1 year

Software Requirements

COMMAND Center Concrete 4 iOS	Supported on iPhone® and iPad®. Requires an SRM or AutoCollector to transmit data from the sensors.
COMMAND Center Concrete 4 Web	Supported on Safari or Chrome-based browsers with internet access. Requires COMMAND Center Cloud account.
COMMAND Center for Windows	Supported on 32 bit or 64 bit versions of Windows XP® Professional SP3®, Windows Vista SP1+®, Windows 7®, Windows 8®, and Windows 10®. Requires Microsoft.NET® Framework 4 Client Profile.

Note: Windows Mobile® still supported. Contact us for details.

SRM Details

Battery Type	Two AA
Battery Life	Approx. 1 month*
Signal Range	Approx. 10 yd (10 m)**
Connectivity	Bluetooth

AutoCollector Details

Battery Type	Four D cell
Battery Life	Approx. 1 month*
Range to SRMs	Approx. 100 yd (100 m)**
Cellular Range	Depends on local cell coverage
Connectivity	Cellular and Bluetooth

** Battery life depends on many factors, including but not limited to outside temperature, data transmission frequency, and signal availability.*

*** Signal range can vary depending on factors such as other structures obstructing signal line of sight.*

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