



# COMMAND CENTER™ SYSTEM

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

COMMAND Center™ is reliable, easy to use, and affordable.



## 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™ software to view the sensors' full temperature history and estimate strength on or off your job site.



## Affordable Smart Sensors

- Small, self-powered sensors continuously collect and store data for two years, under warranty.
- Sensors are pre-programmed and always on.
- Custom sensor lengths and quantity discounts available.

## Free, Powerful Software & iOS® App

- Sync project files automatically with team members and across multiple devices with the COMMAND Center Cloud™.
- Receive alerts via text or email when your concrete approaches temperature limits or achieves target strength.
- Create professional PDF reports.
- Data is protected, uninterrupted, and unalterable.
- Unlimited users and no license fee for COMMAND Center Cloud™ access.
- Add sensors to your Projects via Bluetooth™ or by scanning a sensor's label

## GET COMMAND CENTER™ TODAY

To learn more about temperature and maturity monitoring with COMMAND Center™, visit [www.COMMANDCenterConcrete.com](http://www.COMMANDCenterConcrete.com) or call **(888) 451 6233**



Connect with us.



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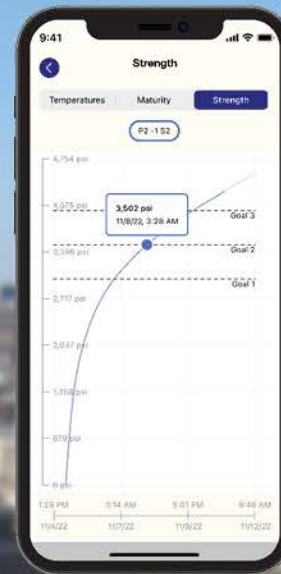


**COMMAND CENTER**  
CONCRETE TEMPERATURE & MATURITY SYSTEM



# COMMAND CENTER™

Use the same sensor to measure temperature and evaluate strength.



## Meet spec requirements for concrete temperatures.

### When do I use it?

- In **mass concrete** placements, know the maximum internal temperatures and differentials as required by thermal control plans and job specifications.
- In **cold weather** placements, ensure your curing techniques are keeping concrete warm enough.
- In **hot weather** placements, make sure 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?

- In any kind of **fast track construction**.
- In **vertical construction**, know you've met strength requirements for form removal and post-tensioning operations.
- In **quality control**, ensure delivered concrete is consistent and improve mix designs without compromising strength.
- In **pavements**, make sure you've met strength requirements for opening to traffic in new concrete patches and in full-depth slab replacements.

### 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 meet strength requirements.

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# COMMAND CENTER™ BUYER'S GUIDE

What you need to buy to use COMMAND Center™.

## 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

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

## 2) Software, App, and Cloud

Every purchase includes the powerful COMMAND Center™ software, COMMAND Center™ iOS® App, and COMMAND Center Cloud™ access **free of charge**. Software files are compatible across readers/devices, so you can use any combination seamlessly.

## 3) Your preferred reader

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.

**USB DOWNLOAD CABLE**

301006-UC  
**\$75**

Use with Windows® PC, laptop, or tablet.



**SERIAL DOWNLOAD CABLE**

301006-SC  
**\$55**

Use with handheld PC

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# COMMAND CENTER™ SPECS

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## SENSOR DETAILS

<b>Maturity Method</b>	Nurse-Saul or Arrhenius (ASTM C 1074)
<b>Datum Temperature/Activation Energy</b>	User Definable
<b>Sensor Accuracy</b>	+/- 1.0 °C (1.8 °F)
<b>Sensor Resolution</b>	0.5 °C (1.0 °F)
<b>Temperature Range</b>	-40.0 to 85.0 °C (-40.0 to 185.0 °F)
<b>Measurement Intervals</b>	1, 2, 5, 10, 15, 20, 30, 60 minute(s)
<b>Sensor Size</b>	1/4 inch x 3/4 inch (6.35 mm x 19.05 mm) diameter
<b>Cable Length</b>	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.
<b>Sensor Battery Life</b>	Warrantied for 2 years

## SRM DETAILS

<b>Battery Type</b>	Two AA
<b>Battery Life</b>	Approx. 1 month*
<b>Signal Range</b>	Approx. 10 yd (10 m)**



## AUTOCOLLECTOR DETAILS

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



## SOFTWARE REQUIREMENTS

<b>COMMAND Center for Windows</b>	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.
<b>COMMAND Center for iOS</b>	App v4 - Requires iOS 15 or later. Supported on iPhone® and iPad®. Requires an SRM or AutoCollector to transmit data from the sensors.

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

\*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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