



# AUTOMOTIVE MODAL & HIGH TEMPERATURE KITS

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 **PCB PIEZOTRONICS**  
MTS SYSTEMS CORPORATION

[pcb.com/AutoKits](http://pcb.com/AutoKits) | 1 800 828 8840

# VALUE



Save time and money with our predefined kits\* of the most commonly used automotive products and accessories.

With these kits, monitor your tests on your schedule and have inventory on hand when needed. These kits are ideal for extreme temperature testing, modal testing, and many other automotive applications.

\* For U.S. customers only. For orders outside the U.S., please contact your local representative.



# EXTREME TEMPERATURE KIT

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Many automotive tests require sensors that withstand extreme temperatures. Examples of extreme test environments include testing of turbochargers, exhaust systems, and catalytic converters.

This kit is designed to simplify your test by meeting your needs for demanding automotive testing environments.

## PRODUCTS INCLUDED:

### **Model 357E92**

Charge output accelerometer, with UHT-12TM shear sensing crystal, 2.3 pC/g, +1200° F (649 °C) operation, integral hardline cable with 10-32 coaxial connector

### **Model 003A05**

Low-noise coaxial cable, blue TFE jacket, 5-ft, 10-32 plug to 10-32 plug

### **Model 422E35**

In-line charge converter, 1 mV/pC, +/-2.5V output, low frequency response 5 Hz, for high temp sensors

### **Model 012A10**

Low-cost, black coaxial cable (RG58/U), 10-ft, BNC plug to BNC plug



SENSOR KIT	MODEL NUMBER
<b>300A36</b>	(1) 357E92
	(1) 003A05
	(1) 422E35
	(1) 012A10

# MODAL KIT

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PCB'S modal kit has everything you need for starting your modal test. Each of the accelerometers in this kit are equipped with TEDS IEEE 1451.4.

TEDS enabled sensors allow for easy tracking and record keeping, containing manufacturer, model number, serial number, calibration date, sensitivity, frequency range and measurement ID.

## PRODUCTS INCLUDED:

### **Model TLD333B30**

Modal array, ceramic shear ICP® accelerometer, 100 mV/g, 0.5 to 3k Hz 10-32 side connector, stud mount, with IEEE 1451.4 TEDS 1.0

### **Model 086C03**

General purpose Modal Analysis impact hammer. 8 kHz frequency range, 500 lb amplitude range, 10 mV/lb sensitivity, 0.3 lb hammer mass, 0.6 in head diameter

### **Model 003C10**

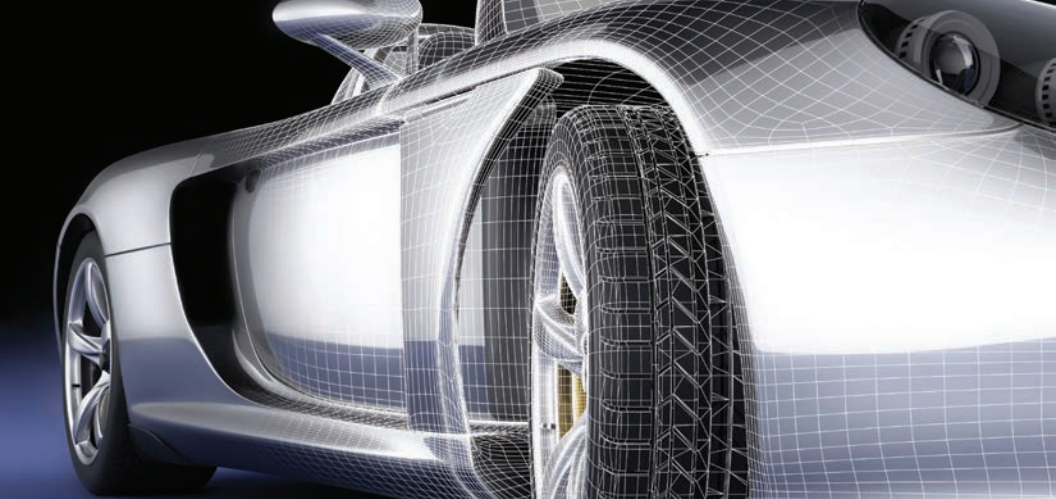
Low-noise coaxial cable, blue TFE jacket, 10-ft, 10-32 coaxial plug to BNC plug

### **Model 012A10**

Low-cost, black coaxial cable for impact hammer (RG58/U), 10-ft, BNC plug to BNC plug

### **Model 080A90**

For use with accelerometer adhesive mounting bases to fill gaps on rough surfaces



SENSOR KIT	MODEL NUMBER
<b>300A37</b>	(7) TLD333B30
	(1) 086C03
	(7) 003C10
	(1) 012A10
	(2) 080A90

# KIT ADDITIONS

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These additional products are available for a discounted price with the purchase of any automotive kit.

## PRODUCTS INCLUDED:

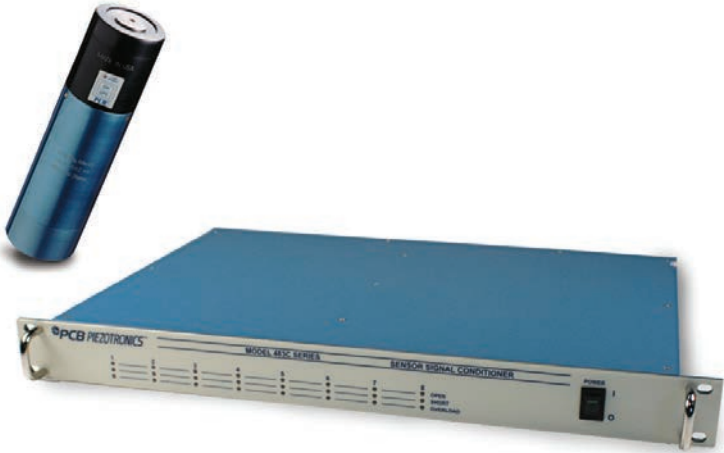
### **Handheld Shaker (Model 394C06)**

1g at 159.2 Hz (for up to 210 grams total weight of sensor, cable and mounting accessories)

### **Signal Conditioner (Model 483C05)**

8 channel, line-powered, ICP® sensor signal conditioner





MODEL NUMBER	DESCRIPTION
394C06	Handheld Shaker
483C05	Signal Conditioner



## GET IT FAST

Besides the kits offered in this book the Platinum Stock Sensors\* program is another way we live up to our Total Customer Satisfaction guarantee. Driven by customer demand, these sensors and cables are the best fit for typical R&D, product testing, and industrial monitoring applications. Platinum Stock Sensors ship the same day and are backed by a lifetime warranty — if you are not 100% satisfied, simply send them back. We'll repair or replace them, guaranteed. No questions asked!

\* For U.S. customers, orders up to 10 units placed before 4 p.m. EST ship the same day. IF NOT, YOUR SHIPPING IS FREE. For orders outside the U.S., please contact your local representative. Volume discounts are valid in the USA only.



# PLATINUM STOCK SENSORS

SAME DAY SHIPPING - LIFETIME WARRANTY



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