

TRUSTED SERVICE PARTNER

Calibration Services



WHY CALIBRATE

Calibrating your sensor periodically provides peace of mind that your sensor output is accurate. It is common for the performance of a sensor to change over time; therefore, calibrating your assets at specified intervals is necessary to ensure measurement accuracy.

WHY CALIBRATE WITH DYTRAN

For more than 40 years, we have served the test and measurement community with validation, repair, and calibration services. Our state-of-the-art ISO/IEC 17025:2005 certified laboratory services accelerometers, load cells, pressure sensors, impulse hammers, and power units.

Additional Benefits:

- Calibration completed by the manufacturer
- Certificate of calibration with detailed measurement data
- Experienced calibration technicians
- Affordable pricing
- Trade-in discounts
- Multiyear discounts

CALIBRATION CONTRACTS

A calibration contract provides a convenient and cost-effective solution for servicing your Dytran sensors. With a contract, you receive A2LA-accredited calibrations on customer-defined intervals, calibration reminders before service due dates, a fixed price for the duration of the contract, and priority service ensuring a fast turnaround. Our contract offering also includes annual invoicing options, access to your assets calibration history/documents, and multiyear discounts. All these benefits are available through the placement of a single purchase order covering 1 to 5 year of service. Contact us to see how we can save your time and money with a calibration contract.

CALIBRATION SERVICE SELECTOR

Please review the pricing guide listed below to help identify your ideal calibration service.

Step 1: Identify the sensor type you need to get calibrated to see which table to reference.

Step 2: Review the column titles to select the frequency/amplitude range(s) required for your test.

Step 3: Identify if you need additional calibration services (e.g., transverse sensitivity, time constant).

Step 4: Identify the option under the price column that includes all the calibration ranges you selected.

Custom calibration services, evaluations, and expedited requests are also available. For more information, contact our experienced service team by emailing service@dytran.com

Calibration service selector

Standard low-frequency calibration includes three points (1, 3, 5Hz).

* Additional calibration services (See **Add*** Column)

- For **charge mode** sensors, this service includes capacitance, insulation resistance, & transverse sensitivity
- For **voltage-mode** sensors, this service includes discharge time constant & transverse sensitivity
- For **DC** sensors, this service includes flip calibration and offset measurement

Accelerometers

Sensor Type	1Hz, 3Hz, 5Hz	10Hz-10kHz	11Hz-17kHz	Add*	Single/Triaxial Price	Code
Accelerometer (Frequency Response)		X			\$125 / \$370	DCS-001-0X
	X	X			\$260 / \$775	DCS-002-0X
		X	X		\$175 / \$525	DCS-003-0X
	X	X	X		\$125 / \$370	DCS-004-0X
				X	\$25 / \$75	DCS-005-0X
Sensor Type	1 point in the range of -320°F to 1,000°F at 100Hz, 1G				Single/Triaxial Price	Code
Accelerometer (Temperature)	X				\$300 / \$600	DCS-022-0X

Other Sensor Types

Sensor Type	5-500 PSI	500-15.000 PSI	Acceleration Compensation	Price	Code
Pressure	X			\$275	DCS-006-01
		X		\$275	DCS-007-01
	X	X		\$550	DCS-008-01
			X	\$75	DCS-009-02
Sensor Type	5-500 LBF	1.000-100.000 LBF	Price	Code	
Force	X		\$195	DCS-010-01	
		X	\$195	DCS-011-01	
	X	X	\$375	DCS-012-01	
Sensor Type	5-500 LBF	1.000-100.000 LBF	Price	Code	
Shock	X		\$259 / \$432	DCS-013-0X	
		X	\$465 / \$700	DCS-014-0X	
	X	X	\$724 / \$1.132	DCS-015-0X	
Sensor Type	500Hz/1 PSI RMS		Price	Code	
Microphone	X		\$144	DCS-016-0X	
Sensor Type	Static, 3 points		Single/Triaxial Price	Code	
Gyro Sensor	X		\$450 / \$750	DCS-017-0X	
Sensor Type	Frequency Response and Gyro Calibration		Price	Code	
6DOF	X		\$1000	DCS-023-0X	

The electronics table includes pricing for signal conditioners, current source power units, vibration recorders, and meters.

The price ranges vary due to the complexity of the calibration.

Please contact service@daytran.com to review which models correspond to the three categories below

Sensor Type	Basic Operation Parameters	Price	Code
Electronics 1	X	\$200	DCS-018-00
Electronics 2	X	\$400	DCS-019-00
Electronics 3	X	\$600	DCS-020-00
Sensor Type	Expedited Services Fees	Price	Code
Single-Axis Calibration	X	\$75 each	DCS-021-00
All other Sensor Types	X	40% of the service requested	DCS-024-00

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Dytran has built a solid 40 year industry reputation for trusted, field proven experience in the design and manufacture of sensors for dynamic testing.