

NSCA Technologies & Tra-Cal Lab

Capability Statement

⚡ Test ⚡ Measure ⚡ Innovate!
Precision Test & Measurement Solutions

NSCA Technologies & Tra-Cal Lab have been serving the military, electronics, laboratory, manufacturing, field service, and telecom industries since 1988, consistently achieving the highest level of customer satisfaction by providing quality electronic and physical test and measurement equipment and services. NSCA Technologies and Tra-Cal Lab are Service-Disabled Veteran-Owned Small Businesses (SDVOSB). NSCA sells, rents, leases, and sources test equipment. Tra-Cal calibrates and repairs test and metrology equipment. Our customers enjoy affordable pricing options, lower life-cycle costs of maintaining their equipment to OEM standards, higher technical certainty, and professional management of their equipment. Our precision test and measurement solutions can help you optimize performance of your test equipment used for mission-critical testing, measuring, troubleshooting, and system-readiness. We offer a broad range of test solutions for industries including:



- ⚡ Radar Test & Electronic Warfare (EW) Test
- ⚡ Military Communications
- ⚡ Satellites
- ⚡ Signals Intelligence (SIGINT)
- ⚡ Avionics, Guidance, Navigation, and GPS
- ⚡ ATE Applications
- ⚡ Operational Test
- ⚡ New Space

Differentiators

Accuracy Is Our Primary Focus

- ⚡ Meet the highest national standards of the US Navy, NASA, and government agencies.
- ⚡ We sell, rent, and lease new and refurbished precision test and measurement equipment from leading manufacturers.
- ⚡ Test Uncertainty Ratio is a minimum of 4:1 on most calibrations
- ⚡ Calibrations with lowest uncertainties in commercial markets.
- ⚡ Avoid costly recalls
- ⚡ Ensure accuracy and reliability of your equipment
- ⚡ Reduce maintenance costs and equipment failures
- ⚡ We take extra measures to ensure that our standard calibration is always one step above our competition.
- ⚡ We will never perform a minimum random-point calibration.
- ⚡ We calibrate to 100% of manufacturer's specifications.
- ⚡ We repair down to component level, so we can fix issues that others cannot at a lower cost.



Performance History

- | | | | |
|---------------------------------------|---------------------|---|------------------------|
| ⚡ U.S. Army | a, b, c, d, f, g, h | ⚡ Honeywell | a, b, c, d, f, h |
| ⚡ BAE Systems | a, b, c, d, f, g, h | ⚡ NIST | a, b, c, d, f, g |
| ⚡ Boeing | a, b, c, d, f, g, h | ⚡ Raytheon | a, b, c, d, f |
| ⚡ FDA | b, d, f | ⚡ U.S. Navy | a, b, c, d, e, f, g, h |
| a. New Test and Measurement Equipment | | e. Test Engineering and Applications | |
| b. Calibration Services | | f. Asset Management, Maintenance, and Preservation Services | |
| c. Repair Services | | g. Test Solutions and Accessories | |
| d. Refurbished Test Equipment | | h. Test Equipment Rentals | |

Business Profile

Established: 1988
Employees: 12

DUNS: 782067037 (NSCA)
131906518 (Tra-Cal)

Cage: 1MFV4 (NSCA)
3FP93 (Tra-Cal)

Security Clearances: Yes

Federal Classification

SB, VO, SDVOB, SDVOSB: Veteran-Owned, Service-Disabled, Small Business

Lab Certifications

- ISO/IEC 17025
- ANSI Z540-1 and Z540.3
- MIL STD 45662 compliant
- ISO 9000 and 9001 compliant
- NIST-traceable calibrations

Awards

BAE Small Business Award: VOSB

Purchasing Information:

We accept credit cards, purchase orders, and small business set-asides.

Contact Information

Todd Chaikin, General Manager
Cheryl Frazer, Marketing

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⚙️ **New & Refurbished Equipment**

📦 **Rental & Leasing**

🔧 **Calibration Services**

🔧 **Repair Services**

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Customer Business Challenge

Sourcing new test equipment is very expensive, and buying used equipment from online resellers can be risky.



Customer Business Challenge

Low-cost calibration providers prey on price-driven customers with substandard 'loss leader' service, designed to generate (off-quote) repair revenue. With equipment not fully calibrated, the customer experiences: Engineering Delays, Design Uncertainty, Failed System Acceptance, and Missions-at-Risk.

NSCA Solution

We make test equipment affordable, and remove the associated risk, by procuring test equipment from reliable sources (original equipment manufacturer [OEM], Customers). We work with the OEM to refurbish equipment to OEM specifications, and then we calibrate, certify, and warranty each instrument.

Tra-Cal Solution

We perform comprehensive evaluations and calibrations with adjustment to FULL OEM SPEC for a competitive price. Our service is NIST-Traceable, ISO-Accredited, with hierarchy to OEM procedures. All work, repairs, and costs are documented and auditable.

Corporate Partners



Manufacturers that we are proficient with (but not limited to)

- Aeroflex
- Ameritex
- Amplifier Research
- Anritsu
- BK Precision
- Dranetz
- Extech Instruments
- Fluke
- JDSU
- Joulescope
- Keithley
- Keysight
- LeCroy
- Rohde & Schwarz
- Tektronix

Calibration/Repair Services

- Communication
- Dimensional
- Electrical
- Frequency
- Gage
- High Voltage/Current
- Optical Test Equipment
- Rapid thermal processing (RTP)
- RF/Microwave
- Standards
- Telecom
- Temperature
- Timing
- Torque Wrench

Corporate Partners

- Advanced Fiber Solutions
- Berkeley Nucleonics Corporation
- Joulescope
- Keysight Technologies
- Probemaster
- Quater Research & Development
- TESSCO
- The Scale Company

North American Industry Classification System (NAICS) Codes

333997 Scale and Balance Manufacturing

334118 Computer Terminal and Other Computer Peripheral Equipment Manufacturing

334511 Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing

334513 Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables

334515 Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals

334519 Other Measuring and Controlling Device Manufacturing

423830 Industrial Machinery and Equipment Merchant Wholesalers

453310 Used Merchandise Stores

541330 Engineering Services

541380 Testing Laboratories

541614 Process, Physical Distribution, and Logistics Consulting Services

541690 Other Scientific and Technical Consulting Services

541990 All Other Professional, Scientific, and Technical Services

811219 Other Electronic and Precision Equipment Repair and Maintenance

