



T150 High Precision Temperature Field Calibrator

The **Wahl T150** is a highly accurate all-in-one temperature calibration solution for thermocouple, RTD, and thermistor sensors. Featuring two channels - configurable for IN / IN or IN / OUT settings - allow comparison calibration and temperature differential measurement. Simulate temperature on the OUT channel to control temperature recorders, indicators, hand-held thermometers and more.

Advanced features of the T150:

Memory: Store calibration procedures in the device and save the results for quick and easy on-site calibrations.

Calibration Certificates: Use optional DATA CAL software to customize and issue your own calibration certificates.

Advanced data manipulation: Scaling, relative measurements, simulation of ramps and steps, synthesizer, square root, and statistical functions.

Bluetooth: Connect with Bluetooth enabled sensors wirelessly using the onboard Bluetooth functionality.



- 50K ohm range, Steinhart-HART equation
- Drive dry-blocks, furnaces, and baths with the 4-20mA OUT signal.
- Transmitter function, Switch test
- Stores up to 10,000 values

Superior Accuracy High Precision Hand-Held Temperature Calibration!

Accuracy:

- Thermocouples: Up to 0.005% of reading**
- RTDs: Up to 0.006% of reading**
- Thermistors: Up to 0.006% of reading**

The T150 utilizes the same Quick Connect System as our C Series Calibrators. This unique system is easy to use by pressing down on the top of the terminal, and inserting bare wires with a diameter up to 3 mm (10AWG), or compensated thermocouple connectors, and then releasing. Wires are held tight between 2 brass blocks which provide thermal stability to create excellent cold junction compensation for thermocouples.

This system also allows 4mm banana plugs or safety plugs to be connected on the front panel.



T150 Calibrator is supplied with protective boot, 6 testing leads with crocodile clips, quick charging battery system, neck/shoulder strap, stand for desktop use, User Manual on CD Rom, and NIST Calibration Certificate.

Optional Accessories: carrying case, power chargers, and DATA CAL software.



T150 Series Calibrators Specifications	
Channels	2 Channels: IN / IN or IN / OUT configurable
Top Accuracy	50 ppm
Thermocouple Accuracy	0.005% of reading
RTD Accuracy	0.006% of reading
Thermistor Accuracy	0.006% of reading
Standards	Compliant with 21 CFR Part 11 and NADCAP Heat Treatment Standards
Communication Port	USB
Power	Rechargeable NiMH batteries included

Specifications are subject to change without notice. For complete specifications of the T150, please visit: www.palmerwahl.com and click Test & Calibration.

**Buy it, you'll like it;
GUARANTEED! ***

* USA Customers only

Calibration Services Available

(800) 421-2853 • FAX (828) 658-0728 • www.palmerwahl.com



C150 High Accuracy Portable Multifunction Calibrator

- Simultaneous Measurement and Generation
- Rugged IP54 Construction for On Site Use
- Quick Connect Terminals
- Measurement Data Recording
- Laboratory Grade Accuracy
- Automatic Calibration on HART Protocol Transmitter 21
- CFR part 11 Compliant

**Superior Accuracy
as compared
to Competitors!**

Anti-Shock Boot

Navigator

Power Supply,
USB Connectors

Quick Connect
Terminals



External Digital
Pressure Sensor
Connection, and
HART protocol digital
input temperature
generator connection

Alphanumeric
Keyboard



Wide backlit Screen

The **Wahl C150 Portable Multifunction Calibrator** integrates all the necessary functions for calibration and maintenance of processes, making it the ideal instrument for maintenance, quality control, and calibration.

Its ergonomic design and embedded software make the C150 an easy to use high performance calibrator.

IP54 rated and fully protected by an anti-shock boot, with integrated quick connect terminals and a wide high-contrast

backlit display for use in low ambient light conditions.

It's polycarbonate keypad protects it from dirt and grease, and the raised keys allow the C150 to be used with protective gloves. It has 10 user programmable configurations for use with repetitive jobs.

Optional DATACAL Software provides:

- Instrument Configuration
 - Calibration
- Data Management
- Virtual Instrument

C150 FEATURES

The C150 is able to simultaneously measure and generate on 2 isolated channels. Measure and generate voltage, current, frequency, resistance signals and also resistive probes and thermocouples. It also has a Bluetooth® interface, and quick access to functions

Unit measures pressure when used with optional external pressure modules, and performs calibration automatically on HART protocol transmitters. It is able to drive some dry block and temperature baths for temperature sensor calibration.



This digital pressure module is connected through a RS485 serial cable to the digital input connector. All data is digital. Measurements are compensated in temperature due to a polynomial correction implemented into the EEPROM at factory.



To see the full line of Wahl Calibrators with complete specifications, please visit www.palmerwahl.com and click: Test & Calibration

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ISO 9001:2008 CERTIFIED