

# Additel 286 Multifunction Reference Thermometer Readout



## Overview

The Additel 286 Multifunction Reference Thermometer Readout is an industry first! We have combined the capabilities of a high-end reference thermometer with a highly capable data acquisition system and 8.5 digit multimeter. The ADT286 is capable of scanning and recording up to 82 channels at 10 channels per second. Users can easily configure the ADT286 to perform field calibrations and uniformity studies as well as use the unit in the lab as a precision thermometer and 8.5 digit multimeter. Get more for less with this newest game changer from Additel!

## Key Features

- Measure and calibrate SPRTs, RTDs, thermistors and thermocouples
- 1 PPM resistance ratio accuracy (channel 1)
- 8 1/2-digit DC multimeter
- Measure up to 82 channels
- Sample rates up to 10 channels per second
- Bluetooth, WIFI, USB & Ethernet (RJ-45) capable
- Auto temperature control of Additel and other manufacture's heat sources
- Supports fully automated temperature calibrations with data collection and report generation (no software required)



## Scanner Modules

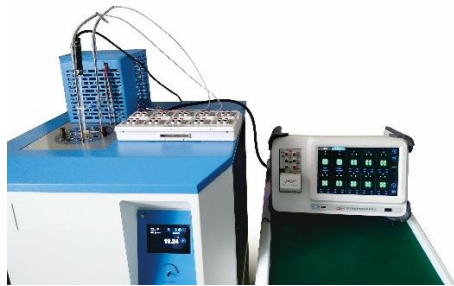




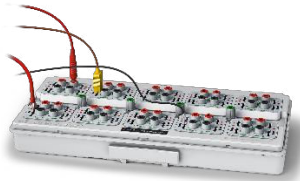
Need to calibrate RTDs / PRTs, thermistors or thermocouples? Add a scanner module and you now have the ability to measure 10 RTDs, PRTs, or thermistors and 20 thermocouples. Expand up to 82 channels with our unique easy to use scanner modules. Each 20 channel module is outfitted with our proprietary universal terminals with an industries best cold junction capability second to none. Utilize the module **docked atop the ADT286**, or connect remotely with cables to suit nearly any unique setup/configuration. Additel also has a **process module** specifically designed to measure process instrumentation like transmitters and switches.






## Industries Served









- Pharmaceuticals
- Oil & Gas
- Primary Calibration Laboratories
- 3<sup>rd</sup> Party Calibration Laboratories
- Aerospace
- Manufacturing

## Applications

<b>RTD, Thermistor and TC Probe Calibration Work</b>	<b>SPRT Calibration and Measurement (1 ppm)</b>	<b>Temperature Mapping and Data Acquisition</b>
		
<b>DMM (Digital Multimeter)</b>	<b>Heat Source Control (Turnkey Calibration Solution)</b>	<b>Switch Testing</b>
		

## Ordering Info & Accessories

Model Number		
Model	Description	Picture
ADT286	Multifunction Reference Thermometer Readout base unit only	
ADT286-TS-PKG	Multifunction Reference Thermometer Readout base unit with (1) Temperature Scanner Module (9051 cable not included)	
ADT286-PS-PKG	Multifunction Reference Thermometer Readout base unit with (1) Process Scanner Module (9051 cable not included)	

Optional Accessories		
Model	Optional Accessories	Picture
9026	4-wire test leads(10-Pack)	
9051-10	Dsub Comm Cable=10 ft	
9051-33	Dsub Comm Cable=33 ft	
9916-286	Carrying Case for ADT286,(2) scanner modules and reference probe w/wheels	
ADT286-DOCK	Remote Module Docking Station w/AC Adapter	
ADT286-TS	ADT286 Temperature Scanner Module	
ADT286-PS	ADT286 Process Scanner Module	
ADT280-RS-25	25 Ω Standard Reference Resistor	
ADT280-RS-100	100 Ω Standard Reference Resistor	