

EDL's Temperature & Humidity Kit has been an industry standard for over twenty years. While individual components of the kit have been upgraded, the kit retains its basic function, versatility, and utility. The components of this kit have been selected to assure you have the highest quality and accuracy available in the Pulp and Paper industry. While these industries have tough environmental conditions, the components in this kit are tougher. This kit is complete so you can make your temperature and humidity measurements with confidence. Quality control is easier when EDL is part of your team.



### This Kit Includes:

Kit Part #: [KIT-HUMKIT1-EV3](#)

- (1) Hard Protective Carrying Case with Custom Foam Insert [Part # CC-POLE/CASE](#)
- (1) E-Z Probe® Pyrometer for Thermocouple Readings [Part # EZK-C](#)
- (1) Extension Pole for Roller Probes [Part # TC-4POLE](#)
- (1) Replaceable Roller Probe Holder with Swivel [Part # RAB-KM-5"-SWB](#)
- (2) 5" Replaceable Roller Probe Bands [Part # R5-08K](#)
- (1) Versa-Temp 3 RTD Instrument [Part # VT-3](#)
- (1) Extension Pole for Humidity Sensor with Protective Cover [Part # RTRTD-4POLER1](#)

- (2) Humidity Blocks with Protective Covers [Part # RHW---1E3DC---](#)
- (1) Insertion Sensor [Part # RNBD061E3SDT4HH](#)
- (1) Insertion Sensor with Wick [Part # RNBD061E3SDT4HW](#)
- (10) Copper Clips with a 36" Wick [Part # PDGCLIP-WICK](#)
- (1) #10 Torx Screwdriver [Part # TORXDR10](#)
- (1) Phillips Screwdriver [Part # SCREWDRPH1](#)
- (1) 17mm Wrench [Part # WRENCH-17MM](#)
- (1) Fill Bottle with Needle [Part # WBDB-BOTTLE](#)



### Kit Features:

- Industry Favorite for Over 20 Years!
- EDL Has the Only Complete Measurement Kit for Testing Temperature and Humidity on the Production Floor
- All Inclusive Kit for Thermocouple & RTD Measurement Equipment
- Extra Durable, Hard Case for Easy Transport & Storage of Components
- E-Z Probe® (Thermocouple) & Versa-Temp (RTD) Instruments Included
- Includes Extension Poles for Humidity Sensors & Roller Probe Thermocouples

## Key Components



### Roller Contact Sensor

Part #R5-08K

Our Roller Contact Sensors have been trusted by the industry for decades. Hands down, EDL manufactures the most accurate and repeatable Roller contact Sensors for Drums available. We handcraft each sensor, in our Danville VA manufacturing facility. The Roller Contact consists of the base, bow springs, Stainless Steel contact band, and the finest thermocouple wire. Additional band sizes are available upon request.



### Humidity Sensors

Part #RHW---1E3DC---

The included Wet and Dry Bulb Humidity Sensors feature 100ohm, European Curve, 3-wire dual elements, with circular connectors for highly dependable and accurate readings. EDL Humidity Sensors provide a reliable method of accurately calculating humidity in industrial temperature applications.



### E-Z Probe® Pyrometer

Part #EZK-C

Our general purpose compact pyrometer delivers consistent, accurate readings. It's reliable, user friendly, and built with durability in mind. The E-Z Probe® is great for basic industrial applications and offers a 1° resolution and readings in both °F and °C. It is equipped with input jacks at the top and bottom and a magnetic backing for hands-free use. The E-Z Probe® is compatible with all of our mini-plug terminated sensors of the same thermocouple type, allowing you to further customize your kit to your business's needs.



### Versa-Temp 3 Portable, Dual Input RTD Instrument

Part #VT-3

The VT-3 is ideal for the high precision industrial applications in the paper industry. The instrument provides high accuracy and durability in this demanding environment, and has been trusted to deliver long-term stability and repeatable measurements.

## Additional Sensors, Custom Sensors, and Calibration Services

EDL offers a comprehensive range of in-stock sensors that can be added to this kit to create a system more closely tailored to your company's needs. If you need to expand or customize your measuring equipment, everything in this kit may also be purchased separately. Beyond that, we can build custom sensors for the most exacting specifications. We also offer metrology devices and in-house calibration to ensure that your tools are operating within tolerance. Visit our website at [www.edl-inc.com](http://www.edl-inc.com) or email us at [sales@edl-inc.com](mailto:sales@edl-inc.com) for more information on additional sensors and services.