



Temperature & Humidity Kit

Our temperature and humidity testing equipment is uniquely suited to the challenging measurement conditions in the paper industry. EDL has the only complete measurement kit for testing temperature and humidity on the production floor. All items sold in the kit are also available individually. Contact EDL for more information at 1.800.342.5335 or email sales@edl-inc.com.

Sold as a kit or each item is sold individually.

Each Humidity Kit Includes:

- Hard Case with Foam Insert
- EZ-Probe Thermocouple Instrument
- Pole for Roller Probe
- (2) - 5" Replaceable Roller Probe Bands
- Replaceable Roller Probe Holder w/ Swivel
- Versa-Temp 3 RTD Instrument
- Pole for Humidity Sensor w/ Protective Cover
- (2) - Humidity Blocks w/ Protective Covers
- Insertion Sensor w/ wick
- Insertion Sensor
- Copper Clips w/ 36" Wick
- #10 Torx Drive
- Phillips Screwdriver
- 17 Millimeter Wrench
- Fill Bottle w/ Needle

Thermocouple

EZ-Probe Thermocouple Instrument



Input jacks at top and bottom of the instrument and the magnetic backing feature make this an easy to use instrument. A wide operating range and the ability to switch between °F and °C add to its versatility.

EZK-C

Pole for Roller Probe



Telescoping pole 46" long extends to 13' 7" for thermocouple band sensor with 25' long Teflon lead and thermocouple mini-plug.

TC-4POLE

5" Replaceable Roller Probe Bands



5" replaceable roller probe band, type K, 800 °F.

R5-08K

Replaceable Roller Probe Holder w/ Swivel

Roller contact sensor holder thermocouple type K, 5" lead with mini-plug, and mounted bracket with swivel.



SPPT-1970



RTD

Versa-Temp 3 RTD Instrument



Versa-Temp dual RTD input digital pyrometer that works with round plug terminations.



VT-3

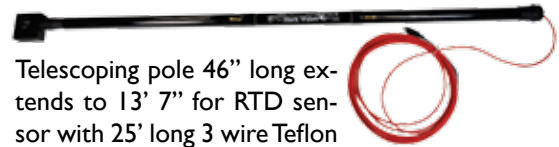
Humidity Blocks w/ Protective Cover



Wet/dry bulb humidity sensor with large well, circular connector and viewing window. (comes with fill bottle)

SPPT-1834B

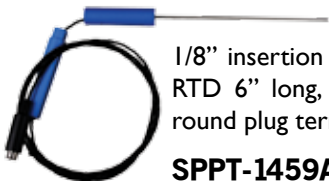
Pole for Humidity Block w/ Protective Cover



Telescoping pole 46" long extends to 13' 7" for RTD sensor with 25' long 3 wire Teflon lead, round plug termination.

RTRTD-4POLER1

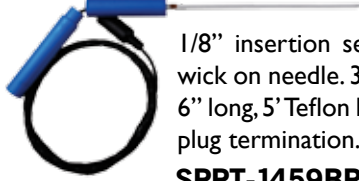
Insertion Sensor



1/8" insertion sensor. 3 wire RTD 6" long, 5' Teflon lead, round plug termination.

SPPT-1459AR1

Insertion Sensor w/ Wick



1/8" insertion sensor with wick on needle. 3 wire RTD 6" long, 5' Teflon lead, round plug termination.

SPPT-1459BR1

Adapter Cables



Adapter Cables to convert from the older style Temperature Humidity Kit to the newer Humidity Kit. Please see NOTE on next page for details on how the adapter cables work.

AC-ADPTCBL-VT2

Works with older instrument

AC-ADPTCBL-VT3

Works with new instrument

Accessories

17 Millimeter Wrench



WRENCH-17MM

#10 Torx Driver



TORXDRI0

Phillips Screwdriver



SCREWDRPH1

Fill Bottle w/ Needle



Water bottle with needle for filling Wet/Dry bulb block.

WBDB-BOTTLE

Instruction Manual



INST-HUMKIT

Copper Clips w/ 36" Wick



Package of 10 copper clips with 36" of wick.

PKGCLIP-WICK



Case w/ Foam Cutout



Our carrying case protects all of the instruments and accessories during transport and storage. The case is fully waterproof and comes with a foam cutout allowing the contents to be neatly stored for the next use.

CC POLE/CASE



CONVERTING OLDER PARTS TO NEW PARTS

On occasion it becomes necessary to update specific parts or instruments. Listed below are the important recent part number conversions. Adapter cables are available so that no functionality is lost. Please contact EDL at 1.800.342.5335 or email sales@edl-inc.com for additional information.

Old Styles



Takes this style plug

Top of VT-2 for plug

Versa-Temp 2 RTD Instrument

VT-2 3 Prong Flat Pin Plug
Part # VT-2

Instrument is Discontinued

New Styles



Takes this style plug

Top of VT-3 for plug

Versa-Temp 3 RTD Instrument

VT-3 Round DIN Style Plug
Part # VT-3



Has this style plug



Has this style plug

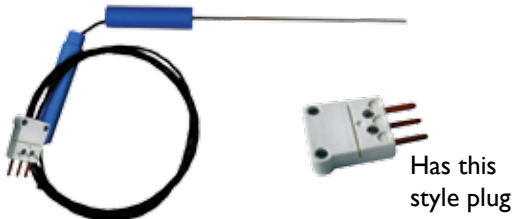
Old Style RTD Pole for Humidity Sensor*

Part # RTRTD-4POLE

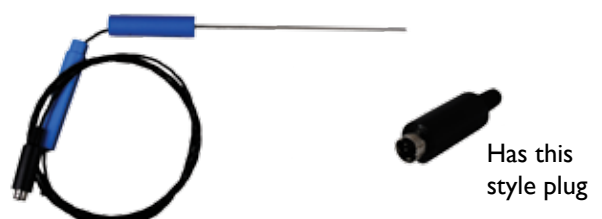
**All of the ends of the pole connections for the Humidity Blocks are the same. None of the thermocouple equipment is affected. Only the plugs are different.*

New Style RTD Pole for Humidity Sensor*

Part # RTRTD-4POLER1



Has this style plug



Has this style plug

Old Style Insertion Sensor

Part # SPPT-I459-A

New Style Insertion Sensor

Part # SPPT-I459AR1

NOTE – Adapter Cables

Adapter Cable for VT-2 Instrument

If you have the older style instrument (VT-2) and the new style RTD Pole for Humidity Sensor (RTRTD-4POLER1), you will need the adapter cables shown in Fig. A (AC-ADPTCBL-VT2). You will need two adaptor cables for the new style RTD Pole for Humidity Sensor, plus one adaptor cable for each additional new style sensors.



Fig. A

**Adapter Cable for VT-2 Instrument
AC-ADPTCBL-VT2**

Adapter Cable for VT-3 Instrument

If you have the new style instrument (VT-3) and the old style RTD pole for Humidity Sensor (RTRTD-4POLE), use the adapter cable in Fig. B (AC-ADPTCBL-VT3). You will need two adaptor cables for the old style RTD Pole for Humidity Sensor, plus one adaptor cable for each additional old style sensors.



Fig. B

**Adapter Cable for VT-3 Instrument
AC-ADPTCBL-VT3**

Check out more great products from EDL...

Call us for more information on these products or check out more on our website at www.edl-inc.com

LT-100 Thermocouple Reference Meter



EDL's new Thermocouple Reference Meter is hand held and designed for high precision temperature measurement. This instrument incorporates features previously found only in much higher priced bench or rack mounted instruments. We have incorporated a precision cold end reference junction that is designed to accurately compensate for changes in ambient temperature and keep the instrument functioning at its highest accuracy. When the utmost accuracy is required, the internal electronic cold end reference can be set to use with an ice bath.

- Accepts all ASTM thermocouples including type C
- Internal/external cold junction
- Selectable resolution
- Full range for all thermocouple types
- 0.01 °C resolution and 0.1 °C accuracy
- °F, °C, K, mV reading
- RS-232 interface

Part # LT-100

High Temperature Bore Thru Compression Fittings

EDL produces the best bore thru compression fittings available, tailored to fit your needs. Our skilled experts create compression fittings from multiple materials (Teflon®, Stainless Steel, Copper, Lava, and Neoprene to name a few) and with features such as specialized threads, milled flats, knurls, and cross holes – all based on your application requirements. EDL's compression fittings are designed for a broad range of markets and for use in many applications. These durable and long-lasting fittings have a maximum temperature of 815° C. Typical product rating is 3000 psi in all sizes configurations. At EDL, our experts are here to design and produce what you need, when you need it.



- Maximum temperature 815° C.
- Compression fittings come in various series and sizes and are used to create access points into pipes, furnaces/ovens, chambers, etc.

Weld Pad Thermocouples



- Available in thermocouple types E, J, K, & T
- Built to customers specifications
- Ideal for preventative analysis, as it is effective in determining errors & tube skin fatigue

EDL's Weld Pad Thermocouples are ideal for process control applications such as monitoring the temperature of a furnace and/or boiler tube skins. Originally designed for use in chemical, petroleum, water plants, and power houses. Our Weld Pad Thermocouples can be built to your specifications to fit your application.

Available in materials to match the pipe.

Check out additional products at: www.edl-inc.com



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