

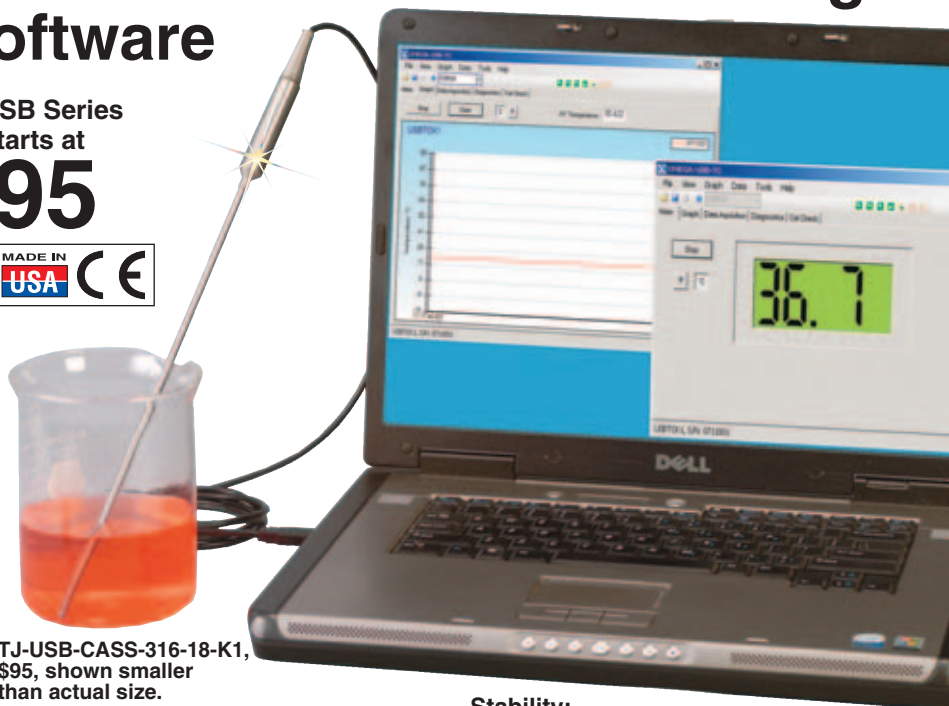
Transition Joint Thermocouple Probe

Features USB Interface and Free Recording and Logging Software

New
New Relative Humidity Probe with USB Connection Available. See model RH-USB at omega.com/rh-usb

- ✓ Connects Directly to a USB Port on Your Computer
- ✓ Free Software Converts Your PC into a Temperature Meter, Data Logger or Chart Recorder
- ✓ Available "Off-the-Shelf" in Two Different Measurement Ranges
- ✓ 457 and 610 mm (18 and 24") Probe Lengths Standard
- ✓ Available in 4.5 or 6 mm ($\frac{3}{16}$ or $\frac{1}{4}$ ") Diameter 304 SS, Inconel and High Performance Super OMEGACLAD XL® Sheaths

TJ-USB Series Starts at **\$95**



TJ-USB-CASS-316-18-K1, \$95, shown smaller than actual size.

Specifications

Integral Thermocouple: Type K (ungrounded)

Measurement Range:

K1: -73 to 315°C (-100 to 600°F)

K2: -200 to 1000°C (-328 to 1832°F)

Note: For 304 stainless steel max temperature is 850°C (1562°F)

Accuracy:

K1: $\pm 1^\circ\text{C}$ (1.8°F)

K2: $\pm 3^\circ\text{C}$ (5.4°F)

Resolution:

USB-TC-K1: 0.1°

USB-TC-K2: 1°

Free Software!

Stability:

USB-TC-K1: $\pm 0.25^\circ\text{C}$,

USB-TC-K2: $\pm 0.5^\circ$

Cold Junction Compensation (Automatic): -10 to 70°C

Operating Environment (Cold End): -10 to 70°C, 0 to 95% relative humidity (non-condensing)

PC Interface: USB

USB Cable: Integral to probe, 2 m (6') (shielded) Type A plug

Software (Included): Requires Windows® 2000, XP, or Vista operating system

Weight: 70 g (2.5 oz)

MOST POPULAR MODELS HIGHLIGHTED!

| To Order (Specify Model Number) | | |
|---------------------------------|-------|--|
| Model No. | Price | Description |
| TJ-USB-CASS-(*)-(**)-K1 | \$95 | 304 SS transition joint probe -73 to 315°C (-100 to 600°F) |
| TJ-USB-CASS-(*)-(**)-K2 | 95 | 304 SS transition joint probe -200 to 850°C (-328 to 1562°F) |
| TJ-USB-CAIN-(*)-(**)-K1 | 95 | Inconel transition joint probe -73 to 315°C (-100 to 600°F) |
| TJ-USB-CAIN-(*)-(**)-K2 | 95 | Inconel transition joint probe -200 to 1000°C (-328 to 1832°F) |
| TJ-USB-KQXL-(*)-(**)-K1 | 105 | Nickel-chrome transition joint probe -73 to 315°C (-100 to 600°F) |
| TJ-USB-KQXL-(*)-(**)-K2 | 105 | Nickel-chrome transition joint probe -200 to 1000°C (-328 to 1832°F) |
| RH-USB | 145 | Humidity/temperature probe with USB |
| HX70-MKIT | 15 | Wall/duct mounting kit for RH-USB |
| CAL-3 | 125 | NIST traceable calibration with 3 data points |

*Insert "316" for 4.5 mm (0.187" diameter sheath) or "14" for 6 mm (0.250" diameter sheath).

**Insert "18" for 457 mm (18" probe length) or "24" for 610 mm (24" probe length).

Ordering Examples: TJ-USB-CASS-14-24-K1, heavy-duty USB TJ probe, 304 SS sheath, 6 mm ($\frac{1}{4}$ ") OD, 610 mm (24") long with integral USB cable and Type A connector, -73 to 315°C (-100 to 600°F) temperature range \$95.

TJ-USB-KQXL-316-18-K2, heavy duty USB TJ probe, Nickel-Chrome sheath, 4.5 mm ($\frac{3}{16}$ ") OD, 457 mm (18") L with integral USB cable and Type A connector, -200 to 1000°C (-328 to 1832°F) temperature range, \$105.

A-X



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