

DAS – USB

Universal Thermocouple Connector



- ✓ For J, K, T, E, R, S, B, C and N Thermocouples
- ✓ Built-In Cold Junction Compensation and Linearization
- ✓ Accepts Both Standard and Miniature Connectors
- ✓ Includes Free Software for Display, Data Logging and Chart Recording

The NEWPORT® UTC-USB universal thermocouple connector accepts the signal from any of 9 thermocouple types, and lets you display actual temperature readings on your PC, through a standard USB port. The UTC-USB provides automatic cold junction compensation and linearization; the included software lets you select the thermocouple type and units, and then use your PC as a meter, chart recorder or data logger.

The UTC-USB features Newport's universal input connection, so you can quickly attach both standard and miniature size thermocouple connectors. A standard USB cable is included for fast hook-up to your PC.

SPECIFICATIONS

THERMOCOUPLE INPUT

User Selectable: J, K, T, E, R, S, B, C or N;

Accuracy:

Types J and K:

±0.5% of reading or ±1.0°C (1.8°F), whichever is greater

Types T, E, and N:

±0.5% of reading or ±2.0°C (3.6°F), whichever is greater

Types R, S, B and C:

±0.5% full scale

Measurement Resolution: 1°C (1°F)

Cold Junction Compensation (Automatic):

-10 to 70°C (14 to 158°F)

Thermocouple Connection:

Patented universal female accepts both standard or miniature male connector

USB Connection:

Version 1.0, 1.1 and 2.0 compatible; mini-B connector; 1.8 m (6') cable included

Computer Interface:

USB (one interface cable included)

Software (included free):

Requires Windows® 2000, XP, VISTA (32-bit) or Windows 7 (64-bit)

Operating Temperature:

-10 to 70°C (14 to 158°F)

Enclosure Material: Plastic (glass filled nylon)

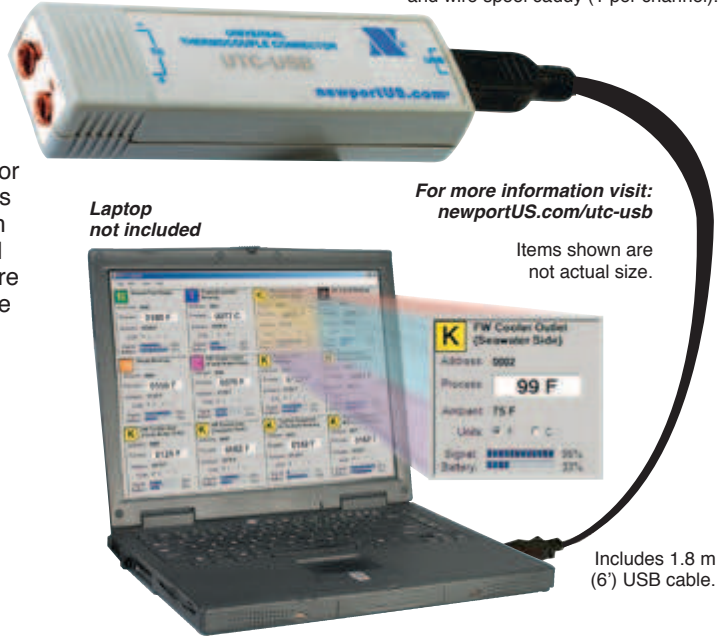
Dimensions: 76 L x 25.4 W x 13 mm H (3 x 1 x 0.5")



UTC-USB

Free Thermocouple Included!

Each Connector includes a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel).

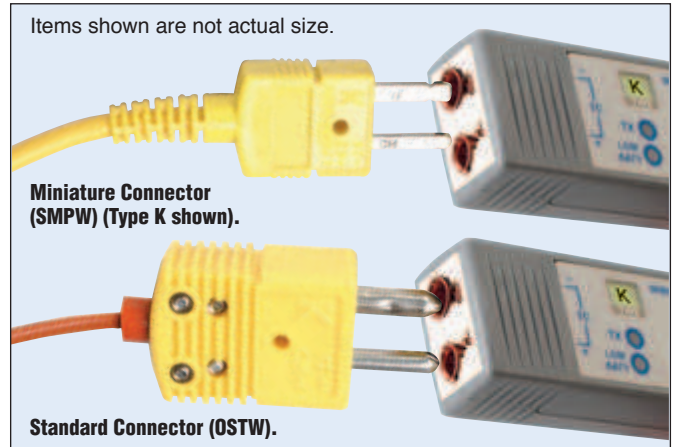


Laptop not included

For more information visit: newportUS.com/utc-usb

Items shown are not actual size.

Includes 1.8 m (6') USB cable.



Items shown are not actual size.

Miniature Connector (SMPW) (Type K shown).

Standard Connector (OSTW).

Model No.	Description
UTC-USB	Universal thermocouple connector with USB connection
Accessories	
SC-GG-K-30-36	Spare Type-K beaded wire thermocouple with subminiature connector
UWTC-CABLE	Replacement USB cable, 1.8 m (6')

Ordering Example: UTC-USB, a universal thermocouple connector with USB connection.

Comes complete with USB cable, measurement and logging software, Type K beaded wire thermocouple, and operator's manual.