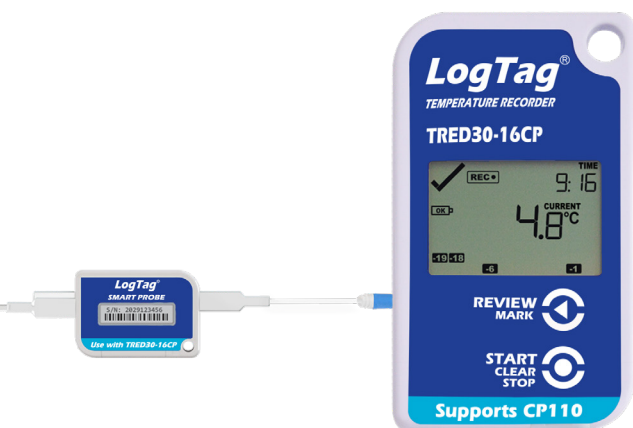


CALIBRATABLE REPLACEABLE SMART PROBE



LogTag®

Smart Probe
CP100/CP110



The ultimate solution for uninterrupted temperature monitoring, the LogTag® CP100 and CP110 Smart Probes are precise and reliable probes that can be swapped out and calibrated separately from your logger.

This probe can be inserted into a compatible logger without having to remove the logger. Once the probe calibration period ends, the plug-and-play hot-swappable design allows users to interchange the probe easily. The expired probe can be sent to a calibration lab for re-calibration to ensure continuous logging without any interruptions.

Designed with a 65mm exposed tip and 3mm diameter, the Smart Probe fits perfectly into LogTag® glycol bottles, enhancing your workflow while ensuring compatibility with your existing monitoring setup.

Features



Plug-and-play hot-swappable calibratable probe without the need to remove the loggers from current location



Calibratable probe without the need to take or remove the loggers from current locations



Battery life of 3-years



High quality gold plated MCX connector

Compatibility Chart

Logger Model	1.5m Smart Probe	3m Smart Probe
UTRED30-16 Dual-Channel	CP100K-15	CP100K-30
UTRED30-WiFi Dual-Channel	CP100K-15	CP100K-30
TRED30-16CP	CP110K-15	CP110K-30
TRED30-16U	CP100K-15	CP100K-30

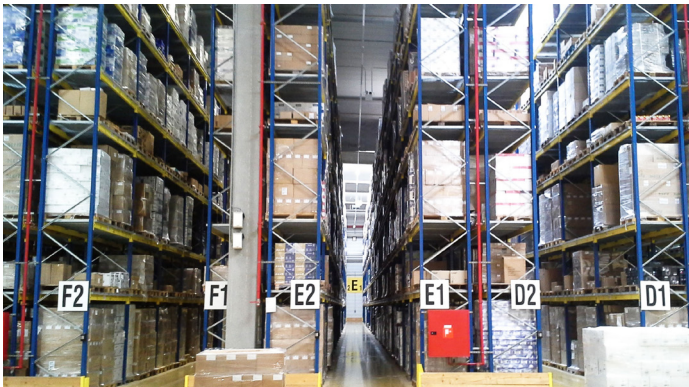
Applications



Laboratories



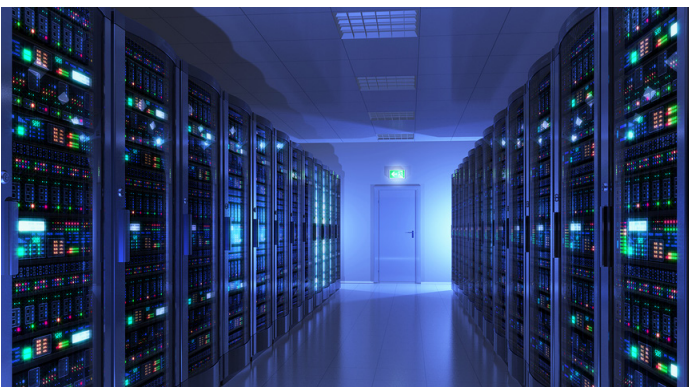
Pharmaceutical & Vaccine



Warehouse



Cold Room



Server Room



Clinics

Specifications

Product Model	CP100/CP110
Temperature Measurement Range	-40 °C to +99 °C (-40 °F to +210 °F)
Temperature Operating Range, Probe End	-40 °C to +99 °C (-40 °F to +210 °F)
Temperature Operating Range, Signal Conditioning End	-20 °C to +70 °C (-4 °F to +158 °F)
Rated Temperature Reading Accuracy	Better than ±0.5 °C (±0.9 °F) for -20 °C to +40 °C (-4 °F to +104 °F), typically ±0.3 °C (0.6 °F) Better than ±0.8 °C (±1.4 °F) for -40 °C to -20 °C (-40 °F to -4 °F), typically ±0.5 °C (0.9 °F) Better than ±0.8 °C (±1.4 °F) for +40 °C to +70 °C (+104 °F to +158 °F), typically ±0.7 °C (1.3 °F) Better than ±1.2 °C (±2.2 °F) for +70 °C to +99 °C (+158 °F to +210 °F), typically ±1 °C (1.8 °F)
Temperature Resolution	0.1 °C (0.2 °F) for measurements -40 °C to +50 °C (-40 °F to +122 °F) 0.2 °C (0.4 °F) for measurements +50 °C to +70 °C (+122 °F to +158 °F) 0.3 °C (0.5 °F) for measurements +70 °C to +80 °C (+158 °F to +176 °F) 0.4 °C to 0.6 °C (0.7 °F to 1 °F) for measurements +80 °C to +99 °C (+176 °F to +210 °F)
Acquisition Interval	Determined by logger, shortest acquisition interval 30 seconds
Sensor Reaction Time	Based on tip, same as for current probes
Environmental	Probe tip: IP68 Probe tip/cable junction: IP64 Signal conditioning: IP44
Power Source	CR2032 3V LiMnO2 Battery (distributor-replaceable)
Connection Interface	1-wire digital interface to compatible loggers
Battery Life	1 year storage, followed by 3 years of normal use (based on 5 minute logging)
Weight	34g
Signal Conditioning Case Material	Polycarbonate
Tip Material	Stainless Steel 316
Probe Tip Length	65mm exposed tip
Probe Diameter	3mm
Cable Material	PTFE

