# EXTERNAL PROBES AND SENSORS

ST100 range

The LogTag® ST100 probe range is distinguished from other remote temperature probe types by the blue sleeve blue body at the plug end of the probe cable and measures temperature range between -40°C to +99°C (-40°F to +210°F) and all materials at probe end of the cable are FDA food rated, including the cable (except ST100B), and terminated with a high quality gold plated MCX connector & industrial strength PTFE coaxial cable.
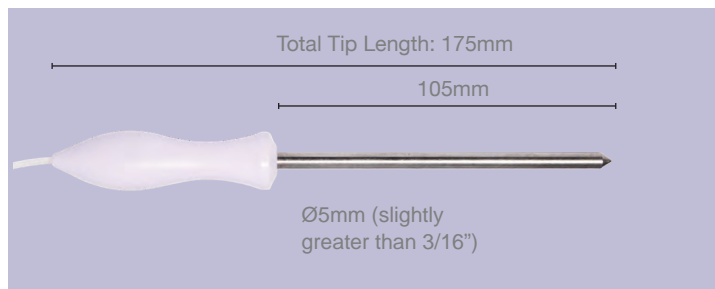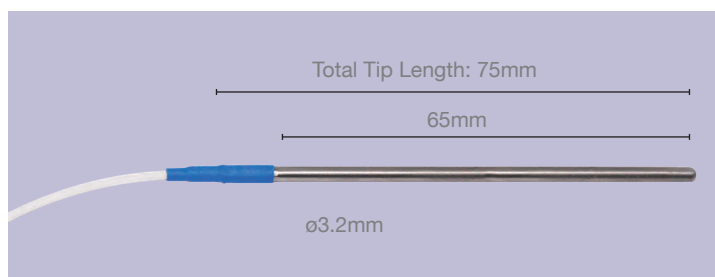

ST100H - Handled Long Tipped Probe

Part #:	ST100H-15: 1.5m (4'11") ST100H-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)
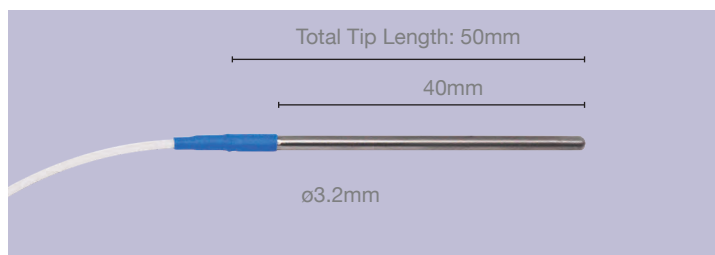
ST100J - Short Round Tip Probe

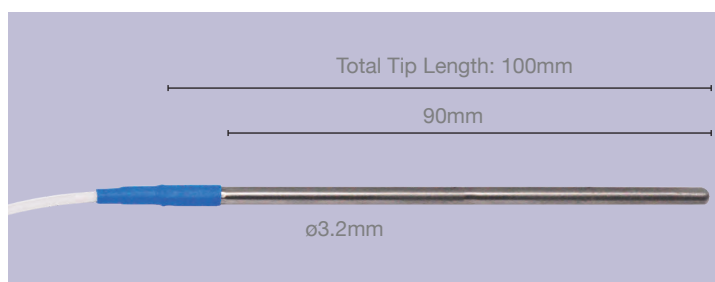| Part #:	ST100J-15: 1.5m (4'11") ST100J-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

ST100K - Medium Round Tip Probe

Part #:	ST100K-15: 1.5m (4'11") ST100K-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

ST100L - Long Round Tip Probe

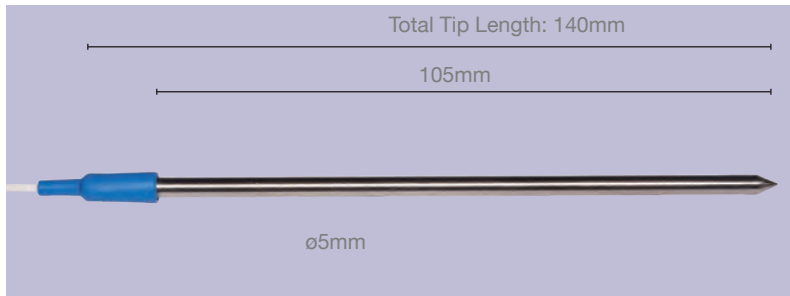| Part #:	ST100L-15: 1.5m (4'11") ST100L-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

LogTag Recorders

ST100T - Long Tipped Sensor Probe

Total Tip Length: 140mm
105mm
ø5mm

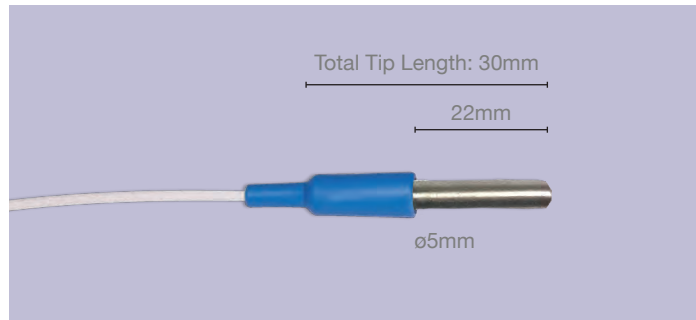| Part #:	ST100T-15: 1.5m (4'11") ST100T-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

ST100S - Short Round Tip Sensor Probe

Total Tip Length: 30mm
22mm
ø5mm

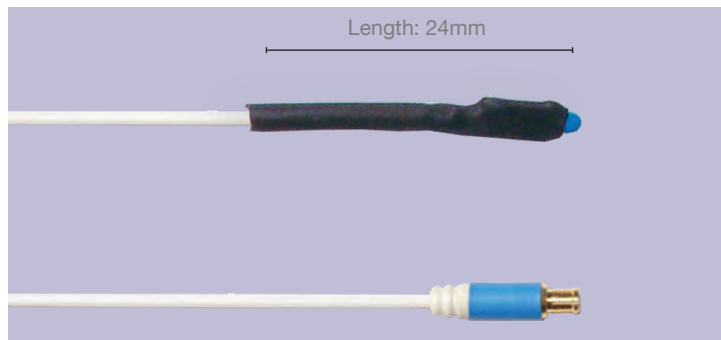| Part #:	ST100S-15: 1.5m (4'11") ST100S-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

ST100B - Untipped Bare Sensor

Length: 24mm

Part #:	ST100B-15: 1.5m (4'11") ST100B-30: 3.0m (9'10")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

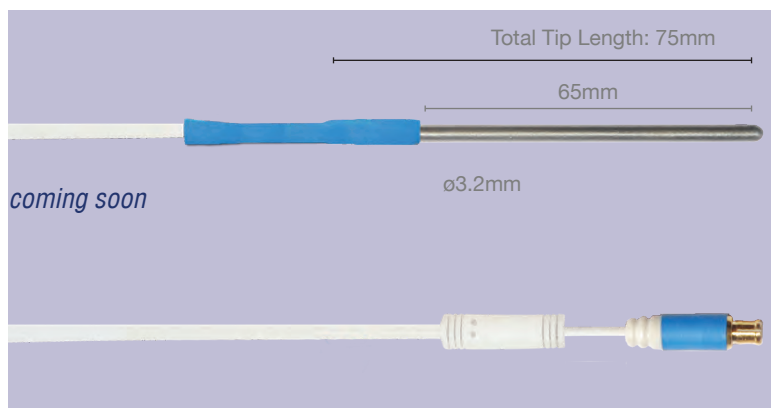## ST100KF - External Temperature Probe Flat Cable

Total Tip Length: 75mm
65mm
ø3.2mm

coming soon

| Part #:	ST100KF-05: 0.5m (1'6")
Compatible Loggers:	TREX loggers TRED30 loggers UTRED & UTRED30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-40°C to +99°C (-40°F to +210°F)

ST10 range (Ultra-Low Temperature)

The LogTag® ST10 probe range is distinguished from other remote temperature probe types by the green sleeve green body at the plug end of the probe cable and is suitable for the TREL/ UTREL models. The probe is terminated with a high quality gold plated MCX connector & industrial strength PTFE coaxial cable and measures temperature range of -90°C to +40°C (-130°F to +104°F).

Total Tip Length: 30mm
22mm
ø5mm
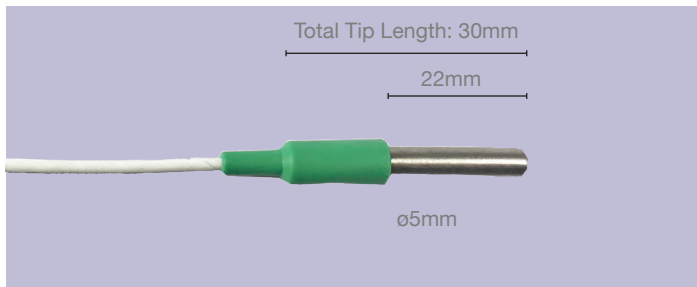
ST10S - Short Round Tip Probe

Part #:	ST10S-05: 0.5m (1'6")
	ST10S-15: 1.5m (4'11")
	ST10S-30: 3.0m (9'10")
Compatible Loggers:	TREL & TREL30 loggers
	UTREL & UTREL30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-90°C to +40°C (-130°F to +104°F)

Total Tip Length: 73mm
65mm
ø5mm
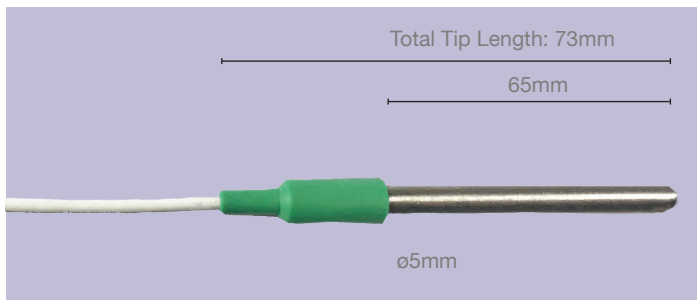
ST10M - Medium Round Tip Probe

Part #:	ST10M-15: 1.5m (4'11")
Compatible Loggers:	TREL & TREL30 loggers
	UTREL & UTREL30 loggers
Stainless Probe Type:	316
Sensor Temperature Range:	-90°C to +40°C (-130°F to +104°F)

STX-50

5 meter (~16' 5") extension cable for extending ST10 or ST100 external temperature sensors. The socket end of the cable (which accepts the ST100 or ST10 sensor plug) is fitted with a flexible sleeve that when the ST sensor's plug is in place will protect the mated connection to IP61.

Total Cable Length: 5m (~16.5")

Sleeve Length: 28mm
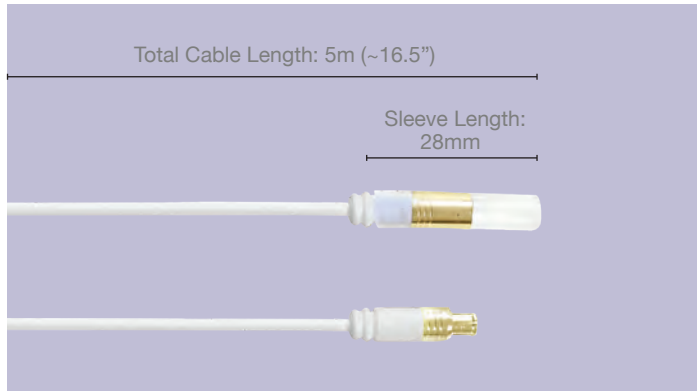
Part #:	STX-50
Environmental:	Logger to extension connection rating: IP61 (when logger vertically mounted or hung) Extension to probe connection rating: IP61, -46°C (-50.8°F) ~ +74 °C (165.2°F)
Compatibility:	For extending ST100 and ST10 external temperature sensors* *only 1 extension per logger

STX-50 - External Sensor Extension cable