PosiTest® OTL

Oven Temperature Logger

NEW

Measures and records oven temperature profiles

Record up to 40,000 datasets into 6 independent batches

High temperature stainless steel barrier box for long run times

DeFelsko®
The Measure of Quality

PosiTest® OTL

Oven Temperature Logger

The PosiTest *OTL Oven Temperature Logger* with included barrier box and holder is ideal for measuring oven temperature profiles.

Features

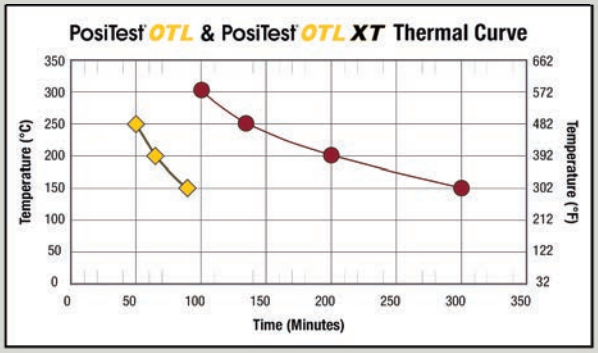
- Simple, easy-to-use interface
- 6 K-type thermocouple ports (channels)
- Measures and records up to 40,000 datasets (240,000 readings) in up to 6 batches
- Records measurements every 2 seconds for up to 22 hours of recording time
- Download, view, and analyze batch data using PosiSoft Desktop software. Export .CSV files for easy import into spreadsheets.
- Bright LEDs indicate logger status at a glance
- High temperature stainless steel barrier box with fiberglass insulation for long run times at high temperatures. Contains no silicone.
- Certificate of Calibration showing traceability to NIST included

Temperature Probes

- Wide variety of temperature probes available with 1.8, 3.6, or 6 m (6', 12', or 20') stainless steel braided cables (sold separately). See the following page for details.
- Certificate of Calibration showing traceability to NIST included

Two Kits available

The PosiTest OTL is available in two configurations. The PosiTest OTL XT features an enhanced holder with heatsink for greater endurance at high temperatures.



◆ PosiTest *OTL* Kit ● PosiTest *OTL XT* Kit

	PosiTest OTL (OTLKIT)	PosiTest OTL XT (OTLKITXT)
150° C (302° F)	90 minutes	300 minutes
200° C (392° F)	65 minutes	200 minutes
250° C (482° F)	50 minutes	140 minutes
300° C (572° F)	not recommended	100 minutes

The chart and table above represent the combined thermal characteristics of the PosiTest OTL, Barrier Box and choice of Holder/Holder XT

Ordering Guide	
PosiTest OTL Kit	OTLKIT
PosiTest OTL XT Kit	OTLKITXT

PosiTest OTL Specifications	
Channels	6 K-type non-grounded thermocouples
Thermocouple Measurement Range	-100 to 1000° C -148 to 1832° F
Logger Operating Temperature Range PosiTest *OTL* without Holder or Barrier Box	0 to 70° C 32 to 158° F
Logger Accuracy	±0.5° C ±0.9° F
Resolution	0.1° C 0.1° F
Memory	40,000 Datasets. Each Dataset consists of up to 6 channels.
Sample Interval	2 seconds (Fixed) Maximum recording time is 22 hours

Power Source: 2 AAA batteries
Battery Life: 30 hours (recording time)

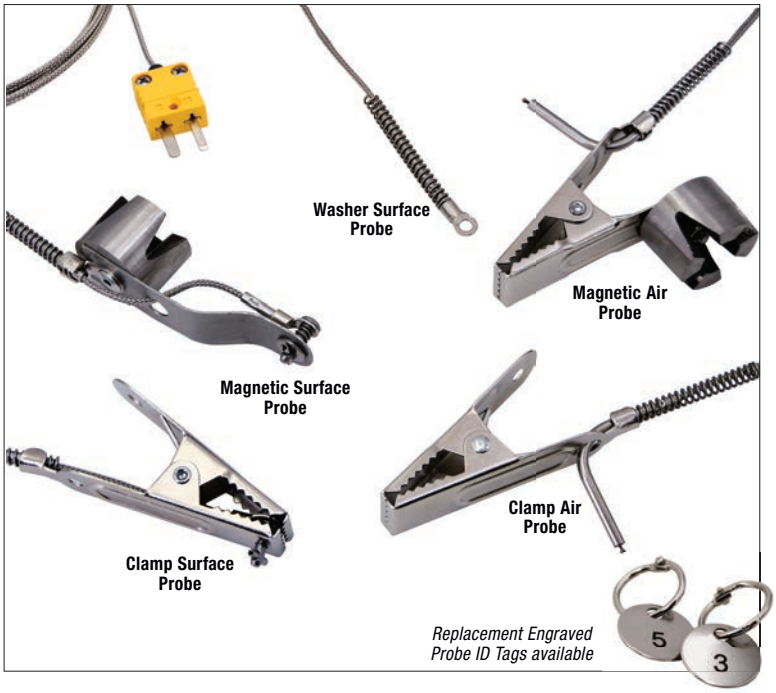
Size: 30.5 x 25.5 x 15 cm (12" x 10" x 6") **Weight:*** 9 kg (20 lbs.)

* Weight includes the PosiTest OTL, Holder, and Barrier Box. Holder XT increases weight to 11 kg (25 lbs.).

LOGGER KITS COME with temperature logger, stainless steel high temperature barrier box, choice of holder, 6 engraved probe ID tags, two AAA batteries, instructions, Long Form Certificate of Calibration traceable to NIST, carrying case, USB cable, PosiSoft Desktop software, and two year warranty.

Temperature Probe Options

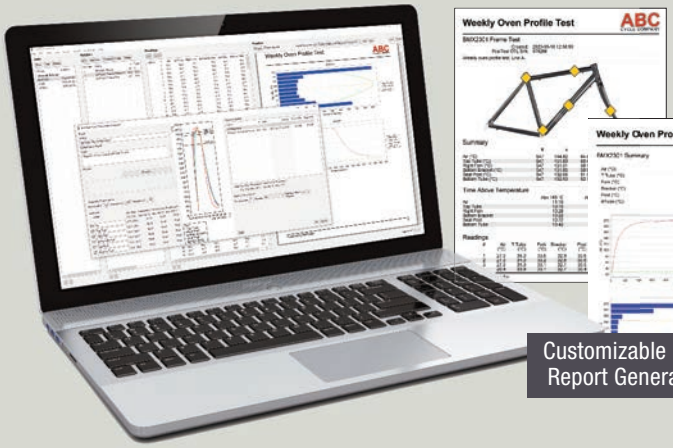
Temperature Probes	Temperature Range	Order Code
Spring Clamp – Surface Probe: **1.8 m (6')**	-100 to 500°C -148 to 930°F	PRBOTLCS6
Spring Clamp – Surface Probe: **3.6 m (12')**		PRBOTLCS12
Spring Clamp – Surface Probe: **6 m (20')**		PRBOTLCS20
Spring Clamp – Air Probe: **1.8 m (6')**		PRBOTLCA6
Spring Clamp – Air Probe: **3.6 m (12')**		PRBOTLCA12
Spring Clamp – Air Probe: **6 m (20')**		PRBOTLCA20
Magnetic – Surface Probe: **1.8 m (6')**	-100 to 300°C -148 to 570°F	PRBOTLMS6
Magnetic – Surface Probe: **3.6 m (12')**		PRBOTLMS12
Magnetic – Surface Probe: **6 m (20')**		PRBOTLMS20
Magnetic – Air Probe: **1.8 m (6')**		PRBOTLMA6
Magnetic – Air Probe: **3.6 m (12')**		PRBOTLMA12
Magnetic – Air Probe: **6 m (20')**		PRBOTLMA20
Washer – Surface Probe: **1.8 m (6')**	-100 to 500°C -148 to 930°F	PRBOTLW6
Washer – Surface Probe: **3.6 m (12')**		PRBOTLW12
Washer – Surface Probe: **6 m (20')**		PRBOTLW20



PosiSoft Desktop

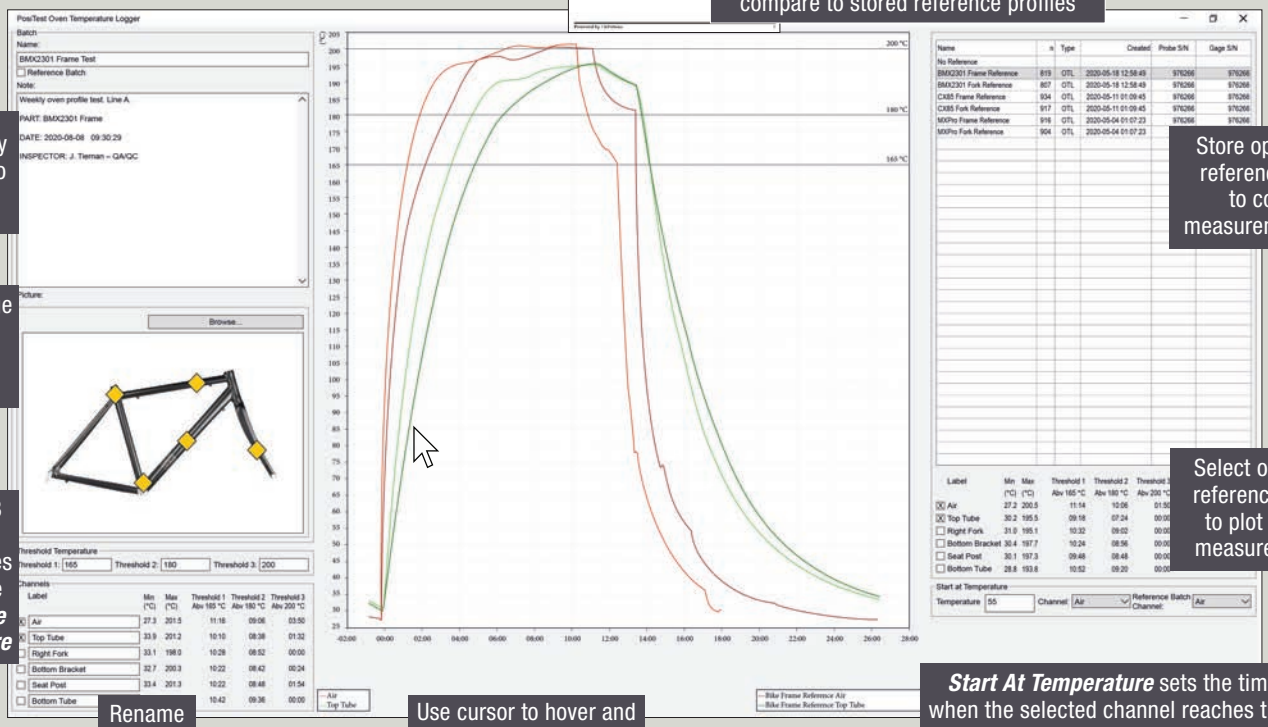
FREE powerful desktop software (PC/Mac) for downloading, viewing, printing, and storing measurement data.

Add batch annotations, label individual channels, set threshold temperatures, and compare datasets to reference batches. Includes a customizable, templated PDF Report Generator. No internet connection required.



Customizable PDF Report Generator

Graph Readings for up to 6 channels and compare to stored reference profiles



Add imagery and notes to any report

Add an image to identify probe placement

Add up to 3 Threshold Temperatures to calculate ***Time above Temperature***

Rename channels

Use cursor to hover and identify individual channels (traces)

Store optimal cure reference profiles to compare measurement results

Select one or more reference channels to plot alongside measurement data

Start At Temperature sets the time to 00:00 when the selected channel reaches the threshold temperature, making it easier to compare logged batch results with reference data

Coating Thickness Gages for Before and After Cure

1) PosiTector 6000 Series
Standard and Advanced features for measuring coating thickness on ALL metal substrates

2) PosiTest DFT Dry Film Thickness Gage
Economical coating thickness gage for ALL metal substrates

3) PosiTest PC Powder Checker
Non-contact coating thickness gage for measuring uncured powder coating thickness to predict a cured thickness

4) DeFelsko Powder Comb
Notched comb for measuring uncured powder height to ensure correct cured film thickness

5) Powder Inspection Kit
Complete solutions for measuring powder coating before and after cure

Each kit contains:

- PosiTest PC Uncured Powder Thickness Gage
- Choice of dry film thickness gage
- Two DeFelsko Powder Combs (models 1 and 4)

Select from 6 pre-configured kits or build your own at www.defelsko.com/PCKits

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