

Product Specifications

FlashLink. PTL Model 30000 PDF Temperature Logger

Measurement Range	-40°F to 140°F (-40°C TO 60°C)
Accuracy	(±1.0°F) from -4°F to 14°F (±0.5°C) from -20°C to -10°C (±0.6°F) from 14°F to 50°F (±0.3°C) from -10°C to 10°C (±1.0°F) from 50°F to 77°F (±0.5°C) from 10°C to 25°C (±1.8°F) if < -4°F or > 77°F (±1.0°C) if < -20°C or > 25°C
Sample Rate	10 Min
Data Capacity	12,288 data points
Trip Duration	85 Days
Temperature Scale	°F/°C
Data Download Time	5 seconds typical
Battery	Coin Cell Battery CR2032
Dimensions	1.858 in x 3.071 in x 0.402 in (47.2 mm x 78 mm x 10.2 mm)
Weight	0.854 oz. (24.2 grams)
Shelf Life	18 Months
Certification	RTCA/DO-160G Sect 21.5, CE Mark, Calibration traceable to NIST, RoHS Compliant
Display	Green LED
Waterproof Rating	IP67 in sealed plastic pouch
Storage Conditions	-4°F to 122°F (-20°C to 50°C) 0% to 95% RH w/o condensation
System Requirements	Windows or Mac PC with current operating system Adobe Reader
Download Requirements	Direct USB connection to PC, tablet or printer



Model 30000

- Compact, single-use temperature logger
- Timezone set to GMT/UTC 0
- No software required for download
- Built-in USB connector, no special reading device needed
- On-board software automatically creates PDF and CSV reports in °F and °C
- View reports on a PC or tablet
- Recorded data automatically scaled to graph

DeltaTrak manufactures products under an ISO 9001:2015 registered quality management system



On-board software automatically creates PDF report with graph

DeltaTrak FlashLink PDF Report

Logger Configuration

Trip #	600000003123	Start Delay	000 Days 00 Hrs 30 Mins
Model #	30000	Alarm Skip	0 pts
Interval	00 Hrs 10 Mins 00 Secs	Alarm Delay	000 Days 00 Hrs 00 Mins
Time Zone	GMT +00		

Logged Data Summary

Type	Start Time	Stop Time	Trip Length	Data Points
Normal	05/28/2022 01:50:20	05/31/2022 20:52:39	003 Days 19 Hrs 02 Mins	547

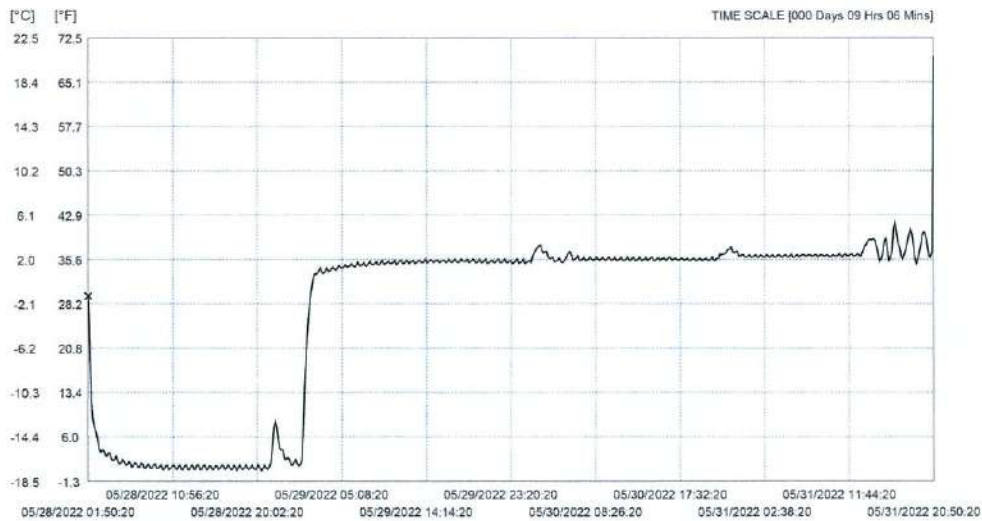
Statistical Summary

Maximum	Minimum	Average	Degree Minutes	Mean ± Standard Deviation	Mean Kinetic Temperature
20.8°C / 69.4°F 05/31/2022 20:50:20	-17.5°C / 0.5°F 05/28/2022 17:50:20	-2.6°C / 27.3°F	---°C x Mins ---°F x Mins	-2.6°C ± 8.2°C 27.3°F ± 14.8°F	0.1°C / 32.1°F

Alarm Summary

	Limits	Cumulative Limit	First Event	Events	Total Time	Alarm Status
Ideal Range						
Extreme High Alarm						
High Alarm						
Low Alarm						
Extreme Low Alarm						

Notes



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www.deltatrak.com/support/tech-support

FlashLink-1.4.0-B.0.0

Logger Configuration, Logged Data Summary, Statistical Summary, Alarm Summary and Graphed Data



PDF and CSV data files

Date	Time	Deg C	Deg F
05/28/2022	01:50:20	-1.4	29.4
05/28/2022	02:00:20	-7.2	19.0
05/28/2022	02:10:20	-10.8	12.5
05/28/2022	02:20:20	-12.7	9.1
05/28/2022	02:30:20	-13.5	7.7
05/28/2022	02:40:20	-13.9	6.9
05/28/2022	02:50:20	-14.6	5.7
05/28/2022	03:00:20	-15.5	4.1
05/28/2022	03:10:20	-15.8	3.5
05/28/2022	03:20:20	-15.6	3.9
05/28/2022	03:30:20	-15.7	3.7
05/28/2022	03:40:20	-16.1	3.0
05/28/2022	03:50:20	-16.2	2.8
05/28/2022	04:00:20	-15.9	3.3
05/28/2022	04:10:20	-15.9	3.3
05/28/2022	04:20:20	-16.5	2.3
05/28/2022	04:30:20	-16.6	2.1
05/28/2022	04:40:20	-16.5	2.3
05/28/2022	04:50:20	-16.2	2.8
05/28/2022	05:00:20	-16.7	1.9
05/28/2022	05:10:20	-16.9	1.5
05/28/2022	05:20:20	-16.8	1.7
05/28/2022	05:30:20	-16.5	2.3
05/28/2022	05:40:20	-16.7	1.9
05/28/2022	05:50:20	-17.0	1.4
05/28/2022	06:00:20	-17.0	1.4
05/28/2022	06:10:20	-16.7	1.9
05/28/2022	06:20:20	-16.8	1.7
05/28/2022	06:30:20	-17.2	1.0

 FlashLink® PDF Report

#	Time	°C/F	#	Time	°C/F	#	Time	°C/F
00000	05/28/2022 01:50:20	-1.4 / 29.4	00051	05/28/2022 10:20:20	-17.0 / 1.4	00102	05/28/2022 16:50:20	-17.0 / 1.4
00001	05/28/2022 02:00:20	-7.2 / 19.0	00052	05/28/2022 10:30:20	-17.4 / 0.8	00103	05/28/2022 19:00:20	-17.3 / 0.8
00002	05/28/2022 02:10:20	-10.8 / 12.5	00053	05/28/2022 10:40:20	-17.3 / 0.8	00104	05/28/2022 19:10:20	-17.4 / 0.8
00003	05/28/2022 02:20:20	-12.7 / 9.1	00054	05/28/2022 10:50:20	-17.1 / 1.2	00105	05/28/2022 19:20:20	-17.3 / 0.8
00004	05/28/2022 02:30:20	-13.5 / 7.7	00055	05/28/2022 11:00:20	-17.0 / 1.4	00106	05/28/2022 19:30:20	-17.0 / 1.4
00005	05/28/2022 02:40:20	-13.9 / 6.9	00056	05/28/2022 11:10:20	-17.3 / 0.8	00107	05/28/2022 19:40:20	-17.3 / 0.8
00006	05/28/2022 02:50:20	-14.6 / 5.7	00057	05/28/2022 11:20:20	-17.4 / 0.8	00108	05/28/2022 19:50:20	-17.4 / 0.8
00007	05/28/2022 03:00:20	-15.5 / 4.1	00058	05/28/2022 11:30:20	-17.1 / 1.2	00109	05/28/2022 20:00:20	-17.3 / 0.8
00008	05/28/2022 03:10:20	-15.8 / 3.5	00059	05/28/2022 11:40:20	-17.0 / 1.4	00110	05/28/2022 20:10:20	-17.0 / 1.4
00009	05/28/2022 03:20:20	-15.6 / 3.9	00060	05/28/2022 11:50:20	-17.4 / 0.8	00111	05/28/2022 20:20:20	-17.3 / 0.8
00010	05/28/2022 03:30:20	-15.7 / 3.7	00061	05/28/2022 12:00:20	-17.4 / 0.8	00112	05/28/2022 20:30:20	-17.5 / 0.5
00011	05/28/2022 03:40:20	-16.1 / 3.0	00062	05/28/2022 12:10:20	-17.1 / 1.2	00113	05/28/2022 20:40:20	-17.3 / 0.8
00012	05/28/2022 03:50:20	-16.2 / 2.8	00063	05/28/2022 12:20:20	-17.0 / 1.4	00114	05/28/2022 20:50:20	-17.0 / 1.4
00013	05/28/2022 04:00:20	-15.9 / 3.3	00064	05/28/2022 12:30:20	-17.4 / 0.8	00115	05/28/2022 21:00:20	-17.3 / 0.8
00014	05/28/2022 04:10:20	-15.9 / 3.3	00065	05/28/2022 12:40:20	-17.4 / 0.8	00116	05/28/2022 21:10:20	-17.4 / 0.8
00015	05/28/2022 04:20:20	-16.5 / 2.3	00066	05/28/2022 12:50:20	-17.1 / 1.2	00117	05/28/2022 21:20:20	-17.2 / 1.0
00016	05/28/2022 04:30:20	-16.6 / 2.1	00067	05/28/2022 13:00:20	-17.0 / 1.4	00118	05/28/2022 21:30:20	-16.8 / 1.7
00017	05/28/2022 04:40:20	-16.5 / 2.3	00068	05/28/2022 13:10:20	-17.4 / 0.8	00119	05/28/2022 21:40:20	-15.8 / 3.9
00018	05/28/2022 04:50:20	-16.2 / 2.8	00069	05/28/2022 13:20:20	-17.4 / 0.8	00120	05/28/2022 21:50:20	-13.6 / 7.5
00019	05/28/2022 05:00:20	-16.7 / 1.9	00070	05/28/2022 13:30:20	-17.0 / 1.4	00121	05/28/2022 22:00:20	-13.0 / 8.6
00020	05/28/2022 05:10:20	-16.9 / 1.5	00071	05/28/2022 13:40:20	-17.0 / 1.4	00122	05/28/2022 22:10:20	-13.6 / 7.5
00021	05/28/2022 05:20:20	-18.8 / 1.7	00072	05/28/2022 13:50:20	-17.4 / 0.8	00123	05/28/2022 22:20:20	-14.8 / 5.3
00022	05/28/2022 05:30:20	-16.5 / 2.3	00073	05/28/2022 14:00:20	-17.4 / 0.8	00124	05/28/2022 22:30:20	-15.5 / 4.1
00023	05/28/2022 05:40:20	-16.7 / 1.9	00074	05/28/2022 14:10:20	-17.1 / 1.2	00125	05/28/2022 22:40:20	-15.6 / 3.9
00024	05/28/2022 05:50:20	-17.0 / 1.4	00075	05/28/2022 14:20:20	-17.0 / 1.4	00126	05/28/2022 22:50:20	-15.6 / 3.9
00025	05/28/2022 06:00:20	-17.0 / 1.4	00076	05/28/2022 14:30:20	-17.4 / 0.8	00127	05/28/2022 23:00:20	-16.4 / 2.4
00026	05/28/2022 06:10:20	-16.7 / 1.9	00077	05/28/2022 14:40:20	-17.4 / 0.8	00128	05/28/2022 23:10:20	-16.9 / 2.3
00027	05/28/2022 06:20:20	-16.8 / 1.7	00078	05/28/2022 14:50:20	-17.1 / 1.2	00129	05/28/2022 23:20:20	-16.3 / 2.8
00028	05/28/2022 06:30:20	-17.2 / 1.0	00079	05/28/2022 15:00:20	-17.1 / 1.2	00130	05/28/2022 23:30:20	-16.5 / 2.3
00029	05/28/2022 06:40:20	-17.1 / 1.2	00080	05/28/2022 15:10:20	-17.4 / 0.8	00131	05/28/2022 23:40:20	-17.0 / 1.4
00030	05/28/2022 06:50:20	-16.8 / 1.7	00081	05/28/2022 15:20:20	-17.4 / 0.8	00132	05/28/2022 23:50:20	-17.0 / 1.4
00031	05/28/2022 07:00:20	-16.9 / 1.5	00082	05/28/2022 15:30:20	-17.1 / 1.2	00133	05/28/2022 00:00:20	-16.7 / 1.9
00032	05/28/2022 07:10:20	-17.2 / 1.0	00083	05/28/2022 15:40:20	-17.1 / 1.2	00134	05/28/2022 00:10:20	-16.9 / 2.3
00033	05/28/2022 07:20:20	-17.2 / 1.0	00084	05/28/2022 15:50:20	-17.4 / 0.8	00135	05/28/2022 00:20:20	-16.9 / 1.5
00034	05/28/2022 07:30:20	-16.8 / 1.7	00085	05/28/2022 16:00:20	-17.3 / 0.8	00136	05/28/2022 00:30:20	-17.1 / 1.2
00035	05/28/2022 07:40:20	-16.9 / 1.5	00086	05/28/2022 16:10:20	-17.0 / 1.4	00137	05/28/2022 00:40:20	-17.0 / 1.4
00036	05/28/2022 07:50:20	-17.3 / 0.8	00087	05/28/2022 16:20:20	-17.1 / 1.2	00138	05/28/2022 00:50:20	-16.6 / 2.1
00037	05/28/2022 08:00:20	-17.3 / 0.8	00088	05/28/2022 16:30:20	-17.4 / 0.8	00139	05/28/2022 01:00:20	-14.2 / 6.4
00038	05/28/2022 08:10:20	-17.0 / 1.4	00089	05/28/2022 16:40:20	-17.3 / 0.8	00140	05/28/2022 01:10:20	-9.8 / 14.7
00039	05/28/2022 08:20:20	-16.9 / 1.5	00090	05/28/2022 16:50:20	-17.0 / 1.4	00141	05/28/2022 01:20:20	-6.5 / 20.3
00040	05/28/2022 08:30:20	-17.3 / 0.8	00091	05/28/2022 17:00:20	-17.2 / 1.0	00142	05/28/2022 01:30:20	-4.2 / 24.4
00041	05/28/2022 08:40:20	-17.3 / 0.8	00092	05/28/2022 17:10:20	-17.4 / 0.8	00143	05/28/2022 01:40:20	-2.5 / 27.5
00042	05/28/2022 08:50:20	-17.0 / 1.4	00093	05/28/2022 17:20:20	-17.4 / 0.8	00144	05/28/2022 01:50:20	-1.1 / 30.0
00043	05/28/2022 09:00:20	-16.8 / 1.5	00094	05/28/2022 17:30:20	-17.0 / 1.4	00145	05/28/2022 02:00:20	-0.2 / 31.6
00044	05/28/2022 09:10:20	-17.3 / 0.8	00095	05/28/2022 17:40:20	-17.2 / 1.0	00146	05/28/2022 02:10:20	0.6 / 32.9
00045	05/28/2022 09:20:20	-17.3 / 0.8	00096	05/28/2022 17:50:20	-17.5 / 0.5	00147	05/28/2022 02:20:20	0.6 / 33.0
00046	05/28/2022 09:30:20	-17.1 / 1.2	00097	05/28/2022 18:00:20	-17.3 / 0.8	00148	05/28/2022 02:30:20	0.7 / 33.2
00047	05/28/2022 09:40:20	-17.0 / 1.4	00098	05/28/2022 18:10:20	-17.0 / 1.4	00149	05/28/2022 02:40:20	0.9 / 33.6
00048	05/28/2022 09:50:20	-17.4 / 0.8	00099	05/28/2022 18:20:20	-17.3 / 0.8	00150	05/28/2022 02:50:20	1.2 / 34.1
00049	05/28/2022 10:00:20	-17.4 / 0.8	00100	05/28/2022 18:30:20	-17.4 / 0.8	00151	05/28/2022 03:00:20	0.8 / 33.4
00050	05/28/2022 10:10:20	-17.1 / 1.2	00101	05/28/2022 18:40:20	-17.3 / 0.8	00152	05/28/2022 03:10:20	0.7 / 33.2

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P1

FlashLink-1.4.0-B.0.0

Complete date, time, and temperature data in both °F and °C



FlashLink. PDF Temperature Logger offers next generation benefits over chart temperature recorders



FlashLink. PTL
PDF Temperature Logger



Chart Temperature Recorder

Push button to START	Pull tab to START
Dual scale °F/°C PDF graph, PDF and CSV data files	Dual scale °F/°C paper chart recording
Built-in USB connector, no special software or reading device needed	Patented design guarantees recording trace stops at end of trip
Dual copies of serial number barcode for shipment document matches the PDF trip reports for traceability	Serial number on each unit and chart for traceability
Serial number on each unit for traceability	Thermoformed top case for faster temperature response and reduced weight of unit
Accuracy: (±1.0°F) from -4°F to 14°F (±0.5°C) from -20°C to -10°C (±0.6°F) from 14°F to 50°F (±0.3°C) from -10°C to 10°C (±1.0°F) from 50°F to 77°F (±0.5°C) from 10°C to 25°C (±1.8°F) if < -4°F or > 77°F (±1.0°C) if < -20°C or > 25°C	Accuracy: ±2°F (±1°C)
Weight: 0.854oz (24.2g)	Weight: 6.98oz (198g)
Dimensions: 1.86in W x 0.4in H x 3.07in L (47.2mm W x 10.2mm H x 78mm L)	Dimensions: 4in W x 2.5in H x 5.5in L (10cm W x 6.3cm H x 13.5cm L)
Shelf life: 18 months	Shelf life: 3 years
Per Pallet: 9,360 pieces	Per Pallet: 1,620 pieces

