

UEi

APOLLO

DIGITAL THERMOMETERS



MASTER THE EXTREMES

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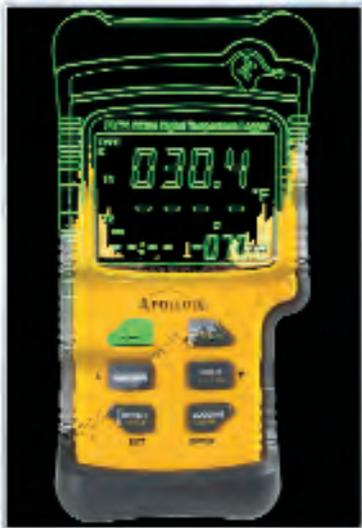
APOLLO

DIGITAL THERMOMETERS™



QUALITY

U.E.i. is committed to providing a superior quality temperature tester and placed a strong emphasis on quality design, forward thinking innovation, and a systematic approach to product development, to ensure that we not only build a competitive thermometer line, but a superior one that creates real world solutions.



EXPECTATIONS

We include customers in this process, by doing so we are able to react to industry demands and prioritize their requirements into our product's performance helping us meet or exceed our customer's changing expectations. We also stand behind the Apollo series with an industry leading warranty.



PERFORMANCE

The Apollo Digital Thermometer™ series was manufactured to conform to the IP67 standard, meeting performance expectations of water submersion and high-pressure dust resistance. This benchmark ensures the Apollo will function as expected under the most extreme working conditions.

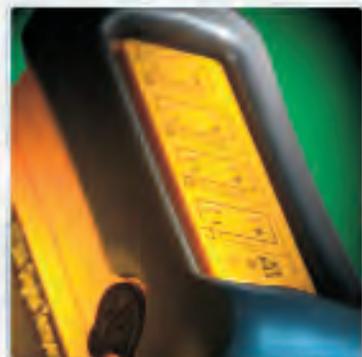
LOGGING

The Apollo series offers logging capabilities with 9,999 memory positions, monitoring and uploading data to a computer via USB can be routine, helping to analyze system performance trends with the included software.



INPUT JACKS

Conveniently located at the top allowing for unobstructed operation. The Apollo II calculates differential T1 from T2, while the Apollo IV offers simultaneous differential of T1-T2 and T3-T4.



PROBE STORAGE

The Apollo series offers a unique solution to storing probes. Now, just wind the wires around the probes and store away in the back storage housing. This helps extend probe life and keeps them ready for the next job.



DISPLAY

The amber backlit display offers large easy-to-read digits showing all necessary information on screen with a user-friendly navigation to get to the functions you need quickly.



APOLLO I

DT301



Functions

- Single Thermocouple input
- Temp range -346° to +2192°F (J)
- Temp range -328° to +2498°F (K)
- Data logging
- 9,999 Memory positions
- USB interface (software included)
- Thermocouple temperature offset
- MIN, MAX, AVG & Hold
- Probe Storage
- Accepts J, K, T and E type probes
- 5 year limited warranty

Safety Compliance

- IP67
 - Water submersion (3' for 30 min.)
 - High pressure dust resistance (max depression of 20 mbar for 8 hours)
- CAT 1 Overvoltage
- CE Certified

Accessories included

- 1 J type probe with clip
- 2 AAA batteries
- Quick Start Guide
- Owners Manual

APOLLO II

DT302



Functions

- Dual Thermocouple input
- Differential T1-T2
- Temp range -346° to +2192°F (J)
- Temp range -328° to +2498°F (K)
- Data logging
- 9,999 Memory positions
- USB interface (software included)
- Thermocouple temperature offset
- MIN, MAX, AVG & Hold
- Probe Storage
- Accepts J, K, T and E type probes
- 5 year limited warranty

Safety Compliance

- IP67
 - Water submersion (3' for 30 min.)
 - High pressure dust resistance (max depression of 20 mbar for 8 hours)
- CAT 1 Overvoltage
- CE Certified

Accessories included

- 2 K type probes with lead wraps
- 2 AAA batteries
- Quick Start Guide
- Owners Manual

APOLLO IV

DT304



Functions

- Quad Thermocouple input
- Differential T1-T2 and T3-T4
- Temp range -346° to +2192°F (J)
- Temp range -328° to +2498°F (K)
- Data logging
- 9,999 Memory positions
- USB interface (software included)
- Thermocouple temperature offset
- MIN, MAX, AVG & Hold
- Probe Storage
- Accepts J, K, T and E type probes
- 5 year limited warranty

Safety Compliance

- IP67
 - Water submersion (3' for 30 min.)
 - High pressure dust resistance (max depression of 20 mbar for 8 hours)
- CAT 1 Overvoltage
- CE Certified

Accessories included

- 4 K type probes with lead wraps
- 2 AAA batteries
- Quick Start Guide
- Owners Manual

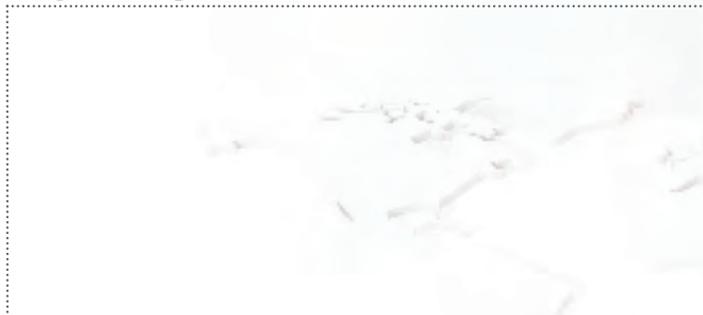


APOLLO SPECIFICATIONS

Measurement Range	J-Type: -346° to +2192°F (-210° to +1200°C) K-Type: -328° to +2498°F (-200° to +1370°C) T-Type: -418° to +752°F (-250° to +400°C) E-Type: -238° to +1832°F (-150° to +1000°C)
Display Resolution	0.1°F/°C < 1000° 1.0°F/°C ≥ 1000°
Accuracy	J, K, T, and E-Type; ±[0.1% +1.0°F (0.5°C)] [Below -148°F (-100°C): add 0.2% of reading for J, K, and E-Type; and 0.1% of reading for T-Type]
Temperature Coefficient	0.01% of reading 0.1°F per °F(+0.05°C per °C) for <+64°F (+18°C) or +82°F (+28°C) [Below -148°F (-100°C): add 0.05% of reading for J, K, and E-type; and 0.1% of reading for T-type]
Real Time Clock Tolerance	About 1 second per day
Maximum Differential Common Mode Voltage	1V (maximum voltage difference between any pair of inputs)
Temperature Scale	ITS-90 (International Temperature Scale of 1990)
Applicable Standards	N.I.S.T. Monograph 175 revised to ITS-90

Dimension	7.20" (H) x 3.70" (W) x 1.70" (D)
Weight	Approx. 16.2 oz
Battery	2 x LR03 (AAA) type 1.5V
Certification	CE
Safety	IEC 1010-1 (2001), UL 3111-1 (6, 1994), EN 61010-1 (2001), CSA C22.2 No. 1010.1 (1992)
CAT I	Over Voltage (Installation) CATEGORY I, Pollution Degree 2 per IEC 1010-1
Compliance	IEC 60529: IP67 (Ingress Protection rating) Water Immersion (3' up to 30 min) No ingress of dust (20mBar up to 8 hrs.)
<p>Accuracy is specified for ambient temperatures between 64°F (18°C) and 82°F (28°C) for a period of 1 year. The above specifications do not include thermocouple error.</p> <p>Calibration The Apollo Digital Thermometer's annual calibration, starting one year after purchase, is recommended to ensure that the thermometer performs to its accuracy specifications.</p> <p>To calibrate the thermometer, contact your nearest UEi distributor or UEi Service Center at 1-800-547-5740.</p>	

DISTRIBUTED BY:



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