



### INF195 Infrared Thermometer

The INF195 is perfect for frequent use in advanced or specialty application environments, where wide temperature ranges and superior optics are essential for use on targets at greater distances. This full-featured infrared thermometer is the most comprehensive and best-valued infrared thermometer on the market.

#### Features:

- -76° ~ 1022°F (-60° ~ 550°C)
- 12:1 Distance to spot ratio
- MIN/MAX, Differential, Average
- 3 Emissivity levels: (0.30, 0.70, 0.95)
- Hi/low alarm (user adjustable)
- K-Type thermocouple input
- Holster



**Also included in  
this Data Sheet**

**INF165, DT15A, DT20A, DTK2  
Digital Pocket Thermometers,  
Dial and Liquid Thermometers**

**DTK2KIT  
Differential  
Temperature Kit**

# INFRARED THERMOMETERS



## INF165 Infrared Thermometer

- -36.4 ~ 689°F (-38 ~ 365°C)
- 12:1 Distance to spot ratio

- Selectable emissivity (0.70, 0.95)
- Max value capture
- Laser targeting
- Backlit display
- Auto off
- 3 Year limited warranty

Carrying case, 2 (AAA) Batteries,  
Manual



## INF195 Infrared Thermometer

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- MIN/MAX, Differential, Average
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Carrying case, 2 (AAA) Batteries,  
Manual

### INF165

<b>Measurement range</b>	-36.4° to 689°F (-38° to 365°C)
<b>Operating range</b>	32° to 122°F (0° to +50°C)
<b>Accuracy (Tobj= 0 ~ 365°C)</b>	+/-2.5% of reading or (2.5°C)
	4.5°F whichever is greater
<b>(Tobj -36.4 ~ 0°C)</b>	± (2.5°C (4.5°F))
	+ 0.05°/ per degree)
<b>Emissivity</b>	0.70, 0.95
<b>Resolution (-9.9 ~ 199.9°F)</b>	0.2°F/0.2°C
<b>Response Time (90%)</b>	1 second
<b>Distance Spot Ratio</b>	12:1
<b>Battery life</b>	Standard "AAA" (x2) 1.5V, 14 hours continuous
<b>Dimensions</b>	6.9" X 1.5" X 2.8"
<b>Weight</b>	6.3 oz including batteries 2 "AAA" 1.5 batteries

### INF195

Item	Non-contact Infrared Scan	Thermocouple Probe
<b>Measurement range</b>	-76° to 1022°F (-60° to +550°C)	-83.2° to +1999°F (-64° to +1400°C)
<b>Operating range</b>	32° to 122°F (0° to +50°C)	
<b>Accuracy (Tobj= 0 ~ 550°C)</b>	±2% RDG or 2°C (4°F) whichever is greater	±1% of reading or 1.8°F (1.0°C) whichever is greater (Test under Tamb=73±6°F)
<b>(Tobj= -60 ~ 0°C)</b>	((±2°C (4°F) + 0.05°/per degree)	
<b>Resolution (-9.9 ~ 199.9°F)</b>	0.1°F / 0.1°C	
<b>Response time (90%)</b>	1 second	
<b>Distance: Spot</b>	12 : 1	
<b>Battery life</b>	Standard "AAA" (x2), 140 hours	
<b>Dimensions</b>	6.9" x 1.5" x 2.8" (175.2 x 39.0 x 71.9mm)	
<b>Weight</b>	6.7 oz including batteries	

**NOTE:** Under the electromagnetic field of 2V/m from 200 to 600 MHz, the maximum error is 18°F (10°C).

### K-Type Temperature Probes (INF195)

<b>ATT29</b>	4' Standard fiber glass coated. (-40° to 950°F / -40° to 510°C)
<b>ATT36</b>	8" Surface probe and handle. (-40° to 950°F / -40° to 510°C)
<b>ATT100</b>	6" Liquid probe and handle. (-40° to 950°F / -40° to 510°C)
<b>ATTPC2</b>	1/4" ~ 1 1/2" Clamp Style Adapter for use with K-type inputs
<b>ATTEXT</b>	10' Extension for K-type thermocouples



ATT29



ATT36



ATT100



ATTPC2



ATTEXT

## Functions

## Features

## Includes

## Specifications



### NEW

#### DTK2

##### Dual Input Digital Thermometer

- Dual thermocouple input
- -328° to +2498°F (k-type)
- T1 - T2 (Differential)
- Automated ice bath in-field calibration

- Auto power off with disable feature
- Large LCD screen
- °C/°F select function
- MIN/MAX
- Data hold
- 3 year limited warranty

(2) K Type bead temperature probes, 9V Battery, Manual, Carrying Pouch

### NEW

#### DTK2KIT

##### Differential Temperature Kit



(2) K Type bead temperature Probes, (2) K-type Pipe Clamp Adapters, Carrying Case, 9V Battery, Manual

### DTK2

**Temperature Range**

K-Type: -328°F ~ 2498°F (-200°C ~ 1370°C)

**Temperature Unit**

C° or F° Selectable

**Display Resolution**

0.1°C (0.1°F)

**Accuracy**

±(0.2% + 1.4°F) ±(0.2% + 1°C)

**Input Protection**

Max voltage of temperature input is 24V DC

**Temperature Coefficient**

0.01% of reading + 0.03°C per °C

0.01% of reading + 0.06°F per °F

When out of range 18°C ~ 28°C (64°F ~ 82°F)

**Size**

6 1/4" x 2 1/8" x 1 1/2" (H x W x D)

### K-Type Temperature Probes

**ATT29** 4' Standard fiber glass coated. (-40° to 950°F / -40° to 510°C)

**ATT29A** 4' Standard fluoroplastic coated.

(-40° to 950°F / -40° to 510°C)

**ATT29APACK** 10 PACK 4' Standard fluoroplastic coated.

**ATT36** 8" Surface probe and handle. (-40° to 950°F / -40° to 510°C)

**ATT37** 8" Right angle surface probe and handle.

(-40° to 950°F / -40° to 510°C)

**ATT50** 8" Liquid probe & handle. (-40° to 1,550°F / -40° to 850°C)

**ATT100** 6" Liquid probe and handle. (-40° to 950°F / -40° to 510°C)

**ATTPC** 1/4" ~ 3" Pipe clamp adapter for use with K-type inputs.

**ATTPC2** 1/4" ~ 1 1/2" Clamp style adapter for use with K-type inputs.

**ATTEXT** 10' Extension for K-type thermocouples



# TEMPERATURE TESTERS

## DT15A Single Input Digital Thermometer



- -58 to 571°F (-50 to 300°C)
- Single thermistor input
- Responds quickly to temperature changes

- MIN/MAX record
- High visibility backlit display
- Data hold
- 3 Year limited warranty

One replaceable, submersible metal probe, 3 (AAA) Batteries, Manual

## DT20A Dual Input Digital Thermometer



- -58 to 571°F (-50 to 300°C)
- Dual thermistor input
- Responds quickly to temperature changes

- Dual display lets you monitor any two of T1, T2 or differential ( $\Delta T$ )
- MIN/MAX record
- High visibility backlit display
- Data hold
- 3 Year limited warranty

Two replaceable, submersible metal probes, 3 (AAA) Batteries, Manual

### DT15A, DT20A

Range	Resolution	Accuracy
-50 to -20°F/°C	1°	±(1% reading +1.5°F/°C)
-19.9 to 199.9°F/°C	0.1°	
200 to 571°F	1°	
200 to 300°C	1°	

<b>Inputs</b>	Single (DT15A) Double (DT20A)
<b>Size</b>	5 1/2" x 3" x 1 1/4" (H x W x D)
<b>Weight</b>	.44 lbs.
<b>Nominal resistance</b>	100K $\Omega$

#### Thermistors

- ATT55A** 4" Liquid temperature probe with 30" cord.
- ATT56A** 4" Air temperature probe with 30" cord.
- ATT57A** 4" Surface temperature probe with 30" cord.
- ATT58A** Sealed probe with 15' cord.

**COMING SOON!**



**ATTPC3**  
Pipe Clamp  
Thermistor



# THERMOMETERS

## Digital Pocket Thermometers



**PDT550**  
*Pocket Thermometer*

- Waterproof
- -58 to 572°F (-50 to 300°C)
- Built-in magnetic mount
- MIN/MAX record
- Dual purpose probe cover serves as thermometer extension
- Auto power off
- Quick and easy to read
- NSF listed
- Colors available: Red, Green, Yellow, Blue, Black
- 3 Year limited warranty



**PDT650**  
*Folding Pocket Thermometer*

- -58 to 572°F (-50 to 300°C)
- Built-in magnetic mount
- MIN/MAX record
- Auto power off
- Large easy to read display
- 3 Year limited warranty



**550B**  
*Digital Pocket Thermometer*

- Protective boot
- Magnetic mount
- -58° to 572°F
- Water resistant
- MIN/MAX
- Data hold
- Auto power off
- New ergonomic designed head
- NSF listed
- 3 Year limited warranty

## Dial And Liquid Thermometers



**RFT2A**  
*Refrigeration/Freezer Thermometer*

- Heavy-duty stainless steel, dial type refrigeration thermometer
- -20 to 80°F (-30 to 30°C)
- 2°F/1°C per division
- Hangs or stands
- Stainless steel frame
- 1 Year limited warranty



**RF60A**  
*Vapor Tension Thermometer*

- -40 to 60° (-40 to 15°C)
- 2°F/C per division
- 2" Dial with 3" mounting flange
- 48" Nickel plated, rear-mounted capillary
- Color-coded scales
- Easy pointer calibration
- NSF listed
- 1 Year limited warranty



**DOT2A**  
*Oven Thermometer*

- 200 to 550°F (65 to 290°C)
- 25°F/10°C per division
- Hangs or stands
- Stainless steel frame
- 1 Year limited warranty



**RH60**  
*Vapor Tension Thermometer*

- -40 to 60°F (-40 to 15°C)
- 2°F/C per division
- 2" Dial with hanger strap
- 48" Nickel plated capillary with bottom connection
- Color-coded scales
- Easy pointer calibration
- NSF listed
- 1 Year limited warranty



**FG80K**  
*Refrigeration/Freezer Thermometer*

- -40 to 80°F (-40 to 27°C)
- Large 5" x 1 1/4" scale plate
- Red spirit-filled (contains no mercury)
- Hangs or stands
- NSF listed
- 1 Year limited warranty



**G120 & G220**  
*Vapor Retention Thermometer*

- Mercury free!
- Glass spirit with protective sleeve
- Range:  
G120: -40° to 120°F  
G220: 0° to 220°F
- 1 Year limited warranty

### Pocket Dial Thermometers

#Stock	Scale	Deg./Div.	Range	Length
T160	1"	2°	-40° ~ +160°F	5"
T220	1"	2°	0° ~ +220°F	5"
TC70	1"	1°	-40° ~ +70°C	5"
TC100	1"	1°	-10° ~ +100°C	5"
T125/3	1-3/4"	1°	+25° ~ +125°F	5"
T160/3	1-3/4"	2°	-40° ~ +160°F	5"
T220/3	1-3/4"	2°	0° ~ +220°F	5"



- 1 Year limited warranty

# TEMPERATURE PROBES

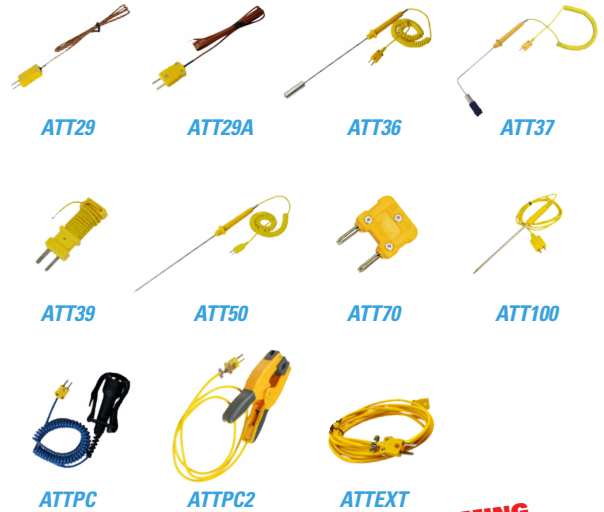
## J-Type Temperature Probes (for use with DT301, DT302, DT304 Digital Logging Thermometers)

- ATT19** 48" Standard bead probe w/ clip. (-40°-950°F / -40°-510°C)
- ATT26** 8" Liquid probe and 48" cord. (-40°-1,550°F / -40°-850°C)
- ATT27** 48" Standard bead probe. (-40°-950°F / -40°-510°C)
- ATT30** 8" Liquid probe & handle. (-40°-1,550°F / -40°-850°C)



## K-Type Temperature Probes

- ATT29** Standard bead probe w/ 48" fiber glass coated wire. (-40° to 950°F / -40° to 510°C)
- ATT29A** Standard bead probe w/ 48" fluoroplastic coated wire. (-40° to 950°F / -40° to 510°C)
- ATT29APACK** 10 PACK (ATT29A)
- ATT36** 8" Surface probe and handle. (-40° to 950°F / -40° to 510°C)
- ATT37** 8" Right angle surface probe and handle. (-40° to 950°F / -40° to 510°C)
- ATT39** Storable bead probe w/ 36" fluoroplastic coated wire for the DT301, DT302, DT304. (-40° to 950°F / -40° to 510°C)
- ATT50** 8" Liquid probe & handle. (-40° to 1,550°F / -40° to 850°C)
- ATT70** Temperature plug adapter for DMMs and Clamp Meters.
- ATT100** 6" Liquid probe and handle. (-40° to 950°F / -40° to 510°C)
- ATTPC** 1/4" ~ 3" Pipe Clamp Adapter for use with K-type inputs.
- ATTPC2** 1/4" ~ 1 1/2" Clamp style adapter for use with K-type inputs.
- ATTEXT** 10' Extension for K-type thermocouples



## Thermistors

- ATT55A** 4" Liquid temperature probe with 30" cord.
- ATT56A** 4" Air temperature probe with 30" cord.
- ATT57A** 4" Surface temperature probe with 30" cord.
- ATT58A** Sealed probe with 15' cord.
- ATTPC3** 1/4" ~ 1 1/2" Clamp style adapter for use with thermistor inputs.



## CAN'T FIND WHAT YOU'RE LOOKING FOR?...

UEi offers a full line of HVAC/R and combustion testing equipment. We have grouped our products specifically to make it easy to find what you're looking for. Here are a few related products and data sheets. For a complete list visit: [www.ueitest.com](http://www.ueitest.com)

**Product Part # or Group**  
**Apollo Digital Logging Thermometers**  
**Refrigeration Products**  
**Combustion & Environmental Catalog**

**LIT #**  
**L310**  
**L351**  
**L330**

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