



### INF195

#### Digital 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 IR 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

**NEW**



### DT221

#### Digital Temperature Tester

**NEW**



### DT222

#### Dual-Input Digital Temperature Tester

**Also included in this Data Sheet**

**INF165, DT221, DT222, Digital Pocket Thermometers, Dial and Liquid Thermometers**



# INFRARED THERMOMETERS

**NEW**



## 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
- Auto off
- 3 Year limited warranty

Carrying Case, 2 (AAA) Batteries,  
Manual

**NEW**



## INF195 Infrared Thermometer

- -76°~ 1022°F (-60°~ 550°C)
- 12:1 Distance to Spot Ratio
- K-Type thermocouple input

- 3 emissivity levels: (0.30, 0.70, 0.95)
- MIN/MAX/Differential, Average
- Hi/low Alarm (User adjustable)
- 3 Year limited warranty

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)
<b>Emissivity</b>	+ 0.05°/ per degree
<b>Resolution (-9.9° - 199.9°F)</b>	0.70, 0.95
<b>Response Time (90%)</b>	0.2°F/0.2°C
<b>Distance Spot Ratio</b>	1 second
<b>Battery life</b>	12:1
	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

## Accessories



**DT221**  
**Digital**  
**Thermometer**

- Single Thermocouple Input
- -328° to +2498°F (k-type)
- Accepts J and K type thermocouples

- Auto power off with disable feature
- Large LCD screen.
- Bright back-lit display
- °C/°F select function
- MIN/MAX
- Date hold
- REL mode to observe temperature changes
- 3 year limited warranty

J Type Bead Temperature Probe,  
9V Battery, Manual



**DT222**  
**Digital**  
**Thermometer**

- Dual Thermocouple Input
- -328° to +2498°F (k-type)
- Accepts J and K type thermocouples
- T1 - T2 (Differential)

- Auto power off with disable feature
- Large LCD screen.
- Bright back-lit display
- °C/°F select function
- MIN/MAX
- Date hold
- REL mode to observe temperature changes
- 3 year limited warranty

(2) K Type Bead Temperature Probes,  
9V Battery, Manual

### DT221, DT222

**Sensor Input**  
**Temperature Range**

Single Input (DT221) Dual Input (DT222)  
K-Type: -328°F ~ 2498°F (-200°C ~ 1370°C)  
J-Type: -328°F ~ 1922°F (-200°C ~ 1050°C)

**Temperature Unit**  
**Display Resolution**

C° or F° Selectable  
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**

L159mm x W55mm x H38mm



ATT26



ATT27



ATT30



ATT29



ATT29A



ATT100

### J-Type Temperature Probes

**ATT26** Liquid probe and 48" cord. (-40°-1,550°F / -40°-850°C)

**ATT27** 4' 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** 4' Standard fiber glass coated. (-40° to 950°F / -40° to 510°C)

**ATT29A** 4' Standard Teflon coated FDA approved. (-40° to 950°F / -40° to 510°C)

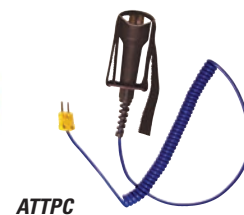
**ATT100** 6" Liquid probe and handle. (-40° to 950°F / -40° to 510°C)

**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



ATTPC2



ATTPC

# DIGITAL TEMPERATURE TESTERS

## DT15A Single-Input Thermister



- -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 Thermister



- -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 (ΔT)
- 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>	(H x W x D) 5 1/2" x 3" x 1 1/4"
<b>Weight</b>	.44 lbs.
<b>Nominal Resistance</b>	100KΩ

### 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.



ATT55A



ATT56A



ATT57A



ATT58A

# 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
- 3 Year limited warranty
- Colors available: Red, Green, Yellow, Blue, Black



### PDT650

#### Folding Pocket Thermometers

- -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
- 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

- -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 Refrigeration/Freezer 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° a +160°F	5"
T220	1"	2°	0° a +220°F	5"
TC70	1"	1°	-40° a +70°C	5"
TC100	1"	1°	-10° a +100°C	5"
T125/3	1-3/4"	1°	+25° a +125°F	5"
T160/3	1-3/4"	2°	-40° a +160°F	5"
T220/3	1-3/4"	2°	0° a +220°F	5"

- 1 year limited warranty



# ACCESSORIES

## J-Type Temperature Probes

- ATT19** 4' Standard bead probe w/ clip. (-40°-950°F / -40°-510°C)
- ATT26** Liquid probe and 48" cord. (-40°-1,550°F / -40°-850°C)
- ATT27** 4' 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** 4' Standard fiber glass coated. (-40° to 950°F / -40° to 510°C)
- ATT29A** 4' Standard Teflon coated. (-40° to 950°F / -40° to 510°C)
- ATT29APACK** 10 PACK 4' Standard Teflon 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)
- ATT39** Storable temperature probe 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.



## 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

- Refrigeration Products
- Combustion & Environmental Catalog
- Digital Clamp Meters

### LIT #

- L351
- L330
- L333

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