



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

**Also included in
this Data Sheet**

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

NEW



DT221
**Digital Temperature
Tester**

NEW



DT222
**Dual-Input
Digital Temperature
Tester**

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)
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- K-Type thermocouple input

- 3 emissivity levels: (0.30, 0.70, 0.95)
- MIN/MAX/Differential, Average
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Carrying Case, 2 (AAA) Batteries,
Manual

INF165

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

INF195

Item	Non-contact Infrared Scan	Thermocouple Probe
Measurement range	-76° to 1022°F (-60° to +550°C)	-83.2° to +1999°F (-64° to ±1400°C)
Operating range	32° to 122°F (0° to +50°C)	
Accuracy (Tobj= 0~550°C)	±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)
(Tobj= -60 ~ 0°C)	((±2°C (4°F) + 0.05°/per degree)	
Resolution (-9.9-199.9°F)	0.1°F / 0.1°C	
Response time (90%)	1 second	
Distance: Spot	12 : 1	
Battery life	Standard "AAA" (x2), 140 hours	
Dimensions	6.9" x 1.5" x 2.8" (175.2 x 39.0 x 71.9mm)	
Weight	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)

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

±(0.2% + 1.4°F) ±(0.2% + 1°C)
Max Voltage of temperature input is 24V DC
0.01% of reading + 0.03°C per °C
0.01% of reading + 0.06°F per °F

Size

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

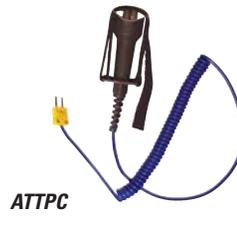
ATT100 6" Liquid probe and handle. (-40° to 950°F / -40° to 510°C)

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°	

Inputs	Single (DT15A) Double (DT20A)
Size	(H x W x D) 5 1/2" x 3" x 1 1/4"
Weight	.44 lbs.
Nominal Resistance	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



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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
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° 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



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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.



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L351

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L333

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