



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

- -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
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- Laser targeting
- Backlit display
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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



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 (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	5 1/2" x 3" x 1 1/4" (H x W x D)
Weight	.44 lbs.
Nominal resistance	100K Ω

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
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.



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

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

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