Environment Instrument

Industrial Infrared Thermometer

V6530 / V6532 / V6533
Features

Wide temperature measurement range from -20℃ ~537℃ with max accuracy 1℃

Large LCD display

Distance to spot ratio up to 12:1 make you more easy to measure the temperature

Response time: 1.5 seconds

Backlight and auto power off

Adjustable emissivity from 0.10 to 1.00 make you easy to measure different materials (**V6532**)

Temperature alarm function (**V6533**)

Basic Function		V6530	V6532	V6533
Measurement Range	-20℃ ~ 50℃: ±2.5℃ 50℃ ~ 537℃ (-4℉ ~ 999℉) ± (reading×1%+1℃)	√	√	√
Emissivity	0.95	√	Adjustable 0.1-1.00	
Resolution	0.3 ℃	√		
Distance to Spot Ratio	12:1	√	√	√
Spectral Response	8-14μm	√	√	√
LCD Display	2-temperature, 4 digits	√	√	√
Alarming temperature range	30℃ ~ 535℃ (86℉ ~ 995℉)	√	√	√
Laser Power	Less than 1 mW	√	√	√

Infrared Thermometer
V6520
Features

Single dot laser targeting

Back light

Ambient temperature(TAMB) measurement

Display selection

MAX, MIN, AVG value selectable

Hold function

Low battery indication

Specification

Measurement range: -50℃ ~ 500℃ (- 58℉ ~932℉)

Accuracy: -50℃ ~-20℃:±5℃

      -20℃~500℃:± (reading x1.5%±2℃)

TAMB measurement: 0℃ ~ 50℃

Over range indication: "OL" or "- OL"

Resolution: 0.1℃

Field of view: 8:1

Typical Distance to Target: up to 1.5m

Emissivity: 0.95

Auto power off: 20S

V6530 / V6532 / V6533

V6520

Mini-Infrared Thermometer

V6510

Features

Single dot laser targeting

Back light

Ambient temperature(TAMB) measurement

℃/ ℉ display selection

Hold function

Low battery indication

Specifications

Measurement range: -20 ~ 270℃; - 4~ 518℉

Accuracy: -20~0℃: ±5℃,

0℃~270℃: ±(reading x 1.5%±3.0℃)

TAMB Measurement: 0℃~ 50℃

Resolution: 1℃

Field of View: 6:1

Typical Distance to Target: up to 1m

Emissirity: 0.95

Over Range Indication: "OL" or "- OL"

Auto Power Off: 30s

Digital Temperature Humidity Meter with Dew Point

V8010

Features

A 4-parameter measuring instrument designed to provide accurate humidity, dew point and temperature reading results. Equipped with dual display, displaying 2 reading results at the same time. It also have special functions such as data hold, MAX and MIN values, backlight and auto power off and operates on the AAA batteries only

Specifications

Measure   Parameters: ℃,℉,%RH(relative humidity),td(dew point temperature)

Measuring

Range:-10~+50℃,+14~+122℃,0~+100%RH

Resolution:0.1℃,0.1℉0.1%RH

Accuracy:±1.0℃, ±1.8℉, ±3%RH (5~95%RH)

Sample Rate:1 time sec

Display:4 digits LCD Display

Auto Power Off: About 20 min

Dimension:121x60x30mm

Weight:180g

Power Supply:DC1.5V(AAA) Battery x 3pcs

Accessories

Free 1.5V x 3 AAA batteries

Free protect cover

Free protective carrying case

Free wrist strap / string

User's Manual

Power Supply:DC1.5V(AAA) Battery x 3pcs

Temperature / Humidity / Vane anemometer

V8021

Specifications

Measure: m/s, km/h, fpm, mph, kts, Beaufort, %RH, td(dew point temperature), ℃, ℉

Resolution: 0.1m/s 1fpm;0.1%RH;0.1℃,0.1℉

Range:0.4~20m/s, 80~4000fpm;0~100%RH;-10~50℃,14~122℉

Accuracy: ±(2% of reading + 0.3m/s), ±(2% of reading + 60fpm)

            ±3%RH(5~95%RH)

            ±1℃, ±1.8℉

Special function: Auto power off; Data hold; MAX MIN; Back light;

            Overload display; Low battery indicator

V8010

V8021

Infrared Temperature and Thermocouple Meter

V8090
Features

V8090 is dual thermometer that combines two precision thermometers in one unit: a non-contact infrared thermometer and a thermocouple thermometer. This unique thermometer measures surface temperatures with and without contact. Measures internal temperatures with type K thermocouple. With fast response, emissivity of 0.95,field of view of 2:1, it is an ideal range for non-contact accurate thermometer, provides holds AVG, Min & Max values, backlight, provides ℃ as well as ℉ temperature results, auto power off setting, and Data Hold function. Applications include Refrigeration, Boiler, Pavement, Printer / Copier, HVAC / R, Automotive and Industrial Troubleshooting

Specifications

Measuring Range
Infrared: -50～300℃ （-58～572℉）
Thermocouple: -200~1300℃(-328℉~2372℉)
Resolution
Infrared: 0.1℃/0.1℉
Thermocouple: 1℃/1℉ （thermocouple above 1000℃）
Accuracy
Infrared: -50~-20℃/ ± 5℃/9℉
Infrared: -20~300℃/ ± (1.5% reading +3℃/5℉)
Thermocouple: -200~-100℃/±(0.2% reading+1℃/2℉)
Thermocouple: -100~1300℃/ ±(0.1% reading +0.7℃/1.4℉)
Display: 4 digits LCD display

Emissivity: 0.95
Field of view: 2:1
Laser power: Less than 1 mw
Response time: 0.5 second
Auto power off: 25 seconds (infrared) or 20 minutes (thermocouple)
Special function: Data hold; MAX, MIN and AVG; Back light; Low battery indicator
Operating environment: 0 ~ 50℃(32~122℉)，0 ~ 90%RH
Storage environment: -10 ~ 60℃(14~140℉)，0 ~ 80%RH
Dimension: 121(L)x60(W)x30(H)mm
Weight: about 180g

Accessories

Free K-type thermocouple wire sensor x 2
Free 1.5V x3 AAA batteries
Free protect cover
Free protective carrying case
Free Wrist Strap / String
User's Manual

Absolute Pressure Meter

V8070
Features

V8070 is an absolute pressure measuring instrument with 8 units(Pa, hPa, mbar, mmH₂O, mmHg, inHG, inH₂O, psi). It is normally used to measure absolute pressure, e.g. for pressure compensation in velocity measurement in ducts, laboratories and production processes. Barometric measurements and height measurements between two points are also possible. With hold ,MAX ,MIN and AVG function ,VA8070 is widely used in HVAC ,Laboratories and architecture project. With our reputation for quality products, you can find it is the most economic instruments for pressure meter.

Specifications

Display: 6 digits LCD display
Parameters(absolute/barometric)：
Pa, hPa, mbar, mmH₂O, mmHg, inHG, inH₂O, psi
Resolution: 0.1 hPa, 0.1 inH₂O
Range: 300~1,200 hPa,
        120.4~481.8inH₂O
Accuracy: ±3.0hPa, ±1.2 inH₂O
Basic conditions 18.0℃~28.0℃
Humidity<80%
Sample rate: 1 time /sec
Auto power off: about 20 minutes
Low battery indicator
Operating environment: 0℃ ~ 50℃(32℉~122℉)，0 ~ 80%RH
Storage environment: -20℃ ~ 60℃(-4℉~140℉)，0 ~ 80%RH

Accessories included

Free 1.5V(AAA battery) x 3
Free Sturdy Carrying Case with hardened & contoured foam inside
Free Wrist Strap
User's Manual
Cover

Dual Ways Thermocouple Meter

V8060
Features

V8060 is a powerful thermometers that accepts input of K and J type thermocouples. This economical type K & J thermocouple thermometer provides accurate and reliable temperature measurement in an economic and compact design. V8060 features data hold function, high & low temperature settings, high & low temp indicator (audible alarm), interchangeable J & K type thermocouples, stores up to five groups of data, provides & holds T1-T2, average, maximum and minimum, selectable °F & °C temperature units, auto-power off setting, backlight. For even greater accuracy, 8060 features a resolution of 0.1°C/0.1°F (below 1000°C) and 1°C/1°F (above 1000°C). Plus with 2pcs K-type thermocouple sensors

It is often necessary to take temperature measurements with different types of thermocouples. V8060 makes it possible without switching meters. These meters are equipped with a button that switches between K-type or J-type thermocouples, giving them the power of 2 meters, all in one unit. The meters are also equipped with a dual-level LCD that shows measured high and low temperatures along with the current reading. To freeze the display for easy recording, simply press the HOLD button. A °C/°F button will toggle between Celsius and Fahrenheit.

Specifications

Measuring Range: K-Type: -200°C~1300°C(-328°F~2372°F)

          J-Type: -200°C~1200°C(-328°F~2192°F)

Resolution: 0.1°C / 0.1°F (below 1000°C)

     1°C / 1°F (above 1000°C)

Accuracy:(-200 ~ -100°C) ±(0.2%reading+1°C)

     (-100 ~ 1300°C) ±(0.1%reading+0.7°C)

     (-328 ~ -148°F) ±(0.2%reading+2°F)

     (-148 ~ 2372°F) ±(0.1%reading+1.4°F)

Display : 4 digits LCD display

Sample rate : 1 time / sec

Auto power off : about 20min

Low battery indicator

Operating environment: 0~+50°C(32~+122°F), 0~80%RH

Storage environment: -20~+60°C(-4~+140°F), 0~80%RH

Dimension:121(L) x 60(W) x 30(H)mm

Weight: about 180g

Accessories

Free K-Type Thermocouple Wire Sensor x 2

Free 1.5V x3 AAA batteries

Free protect cover

Free protective carrying case

Free Wrist Strap / String

User's Manual

Moisture Meter

V8040
Features

V8040 designed to measure material moisture with manual and automatic range selection. It can quickly measure different 7 material (Hard wood, Soft wood, Cement mortar, Lime mortar, Bricks) for moisture with resolution:0.1%, ±0.2% accuracy, in the meanwhile, it display the temperature for °C, °F.LCD backlight function make you reading easily even in the darkness. It is ideal for DIY, building and engineering project

Specifications

The meter has been designed according to CE directive: 2004/108/EC

Parameters: % material moisture content, temperature°C, °F

Accuracy: Conductivity measurement: ±2% Temperature: ±1°C

Resolution: 0.1% , 0.1°C, 0.1°F

Measurement range: 0.0%~95.7%, -10 ~ +50°C

Digital display: 3 digitals

Measurement selection:

Material 1: 8.9~95.7%(Hard wood such as Beech, Spruce, Larch, Birch, Cherry, Walnut etc..)

Material 2: 7.1~80.0%(Soft wood such as Oak,Pine,Maple,Ash-tree, Douglas fir, Meranti etc..)

Material 3: 1.0~2.5%(Cement or Concrete plane, Plaster produce.)

Material 4: 0.0~3.3%(Anhydrite plane)

Material 5: 0.7~3.8%(Cement mortar)

Material 6: 0.5~7.4%(Lime mortar)

Material7: 0.0~23.4%(Bricks)

Accessories

Free 1.5V x3AAA batteries

Free protect cover

Free protective carrying case

Free Wrist Strap/String

User's Manual