

Thermometer Selection Guide

	T300A	T320	T305	T307	T500K	T502KJ	T685	T611	T111	T3004
Temperature Range	-40 to	-50 to	-50 to	-50 to	-50 to	-200 to	-50 to	-20 to	-30 to	0 to 60
(°C)	150	150	1300	1300	1300	1370	1000	500	550	
Type Probe	Integral	Integral	K	K	K	K,J	Non	Non	Non	Integral
							Contact	Contact	Contact	
Single Input			•		•					
Dual Input				•		•				
Data Hold	•	•	•	•	•	•	•	•	•	•
Min/Max			•	•	Max	Max	Max	•		•
0.1°C Resolution	•	•	•	•	•	•	•	•	0.5	•
Infra Red							•	•	•	
RS232 Interface										
Backlight					•	•	•	•		
Pen Type	•									
Pocket Size	•	•								
High/Low settings		•				•	•			
Holster		•	•	•	•	•				
Humidity										•

T630 Digital Luxmeter

- 0-200 000 Lux
- Data hold
- Max hold
- Backlight display



Typical Illuminance Measurements (LUX)

Environment	UNIT(lux)
<b>General Office</b>	
Meeting room, switchboard, printer room	750 ~ 300
<b>Factory</b>	
Research & Development department	1500 ~ 750
Warehouse	75 ~ 30
<b>Hospital</b>	
Operating room	1500 ~ 200
Waiting room	300 ~ 150
Elevator	75 ~ 30
<b>School</b>	
Classroom, workshop	750 ~ 200
Computer room	1500 ~ 300
<b>House</b>	
Study -desk	750 ~ 300
Laundry room, living room	300 ~ 150

Technical Specification

Display	3 1/2 Digit LCD Display
Ranges	20, 200, 2000, 20000, 200000Lux
Resolution	0.01 Lux
Overrange	OL display
Sampling Time	2.5 times/second
Sensor Material	Silicon Photodiode
Accuracy	±3% rdg + 10dgt
Operating Temp	0 to 50°C
Operating Humidity	Less than 70% RH

Model Specification

Accessories	Carry Pouch
Dimensions (mm)	170(L) x 44(W) x 40(H)
Power Source	4 x 1.5V (AAA) Batteries
Weight	220g

### T325 Sound Level

- Type 2 sound level meter
- Wide range
- Sampling rate 2sec
- Bar graph
- Min/max hold
- Frequency weighting A/C
- Over range indications

#### Technical Specification

Display	3,5 Digit with Bar Graph
Function	Fast (125ms) Slow (1000ms)
Measurement Ranges	30dB to 130dB
Level ranges	Low 30dB to 80dB Med 50dB to 100dB Hi 80dB to 130dB
Display Update	2sec
Microphone	1/4inch (ECM)
Accuracy	±1,5dB @ 94dB of 1kHz
General	
Output Impedance	Approx 100Ω
Operation Humidity	90% RH
Operation Temperature	0° ~ 40°C
Accessories	9V Batt, Screw driver instruction manual, carry case, wind shield

Meter  
Supplied With  
Certificate of  
Conformance



#### Model Specification

Dimensions (mm)	240(L) x 62(W) x 39(H)
Power Source	9V Battery
Weight	224g

### T3004 Humidity / Temperature

- Data hold
- Min/max
- Rel function
- Auto power off

#### Technical Specification

Display	Dual display
Altitude	Up to 2000meters
Range	-20°C ~ 60°C
Temperature	
Range Humidity	0% RH ~ 100% RH
Resolution Temp	0,1°C / 0,1°F
Resolution Humidity	0,1% RH
Response Time Temp	180sec
Response Time Humidity	10sec
Operation Temp	0°C ~ 40°C
Operation Humidity	<80% RH
Sampling Rate	2,5 times per second
Calibration	Internal calibration
RH Accuracy	±3% RH
Temp Accuracy °C	±0,8°C
Temp Accuracy °F	±1,6°F

#### Model Specification

Dimensions (mm)	240(L) x 54(W) x 34(H)
Power Source	9V Battery
Weight	180g



### T8000 Anemometer/Hygro/Lux/Temp

- Display LCD
- Auto power off

#### Technical Specification

<b>Air Velocity</b>	
Feet Per Minute (Ft/min)	80 to 5910 Ft/min
Meters Per Second (m/s)	0,4 to 30,0 m/s
Kilometers Per Hour (Km/h)	1,4 to 108,0 Km/h
Miles Per Hour (Mph)	0,9 to 67,0 Mph
Knots	0,8 to 58,3 Knots
<b>Temperature</b>	
Deg Celsius (°C/°F)	-100 to 1300°C -148 to 2372°F
<b>Light Intensity</b>	
Lux	0,2,200,1800,20000
Humidity	10 to 95%Rh
<b>Resolution</b>	
<b>Air Velocity</b>	
Feet Per Minute (Ft/min)	1 Ft/min
Meters Per Second (m/s)	0,1 m/s
Kilometers Per Hour (Km/h)	0,1 Km/h
Miles Per Hour (Mph)	0,1 Mph
Knots	0,1 Knots
<b>Temperature</b>	
Deg Celsius (°C/°F)	0,1°C/0,1°F
<b>Light Intensity</b>	
0,2,200 Lux	1 Lux
1800 to 20,000 Lux	10 Lux
<b>Humidity</b>	
10 to 95%Rh	0,1%RH
Operation Temp	0 ~50 °C
Operation Humidity	80%RH Max

#### Model Specification

Dimensions (mm)	156(L) x 60(W) x 33(H)
Power Source	9V Battery
Weight	160g



### T4201 Anemometer

- Low friction
- Ball bearing design
- High accuracy
- Data hold
- Indicates in 4 different speed units

#### Technical Specification

Measurement	Range	Resolution
m/s	0,4 – 30,0	0,1
km/h	1,4 – 108,0	0,1
F/min	80 – 5910	10
Knots	0,8 – 58,3	0,1
Display	18mm LCD, 31/2 dgts	
Measurement	m/s (Meter per seconds), km/h (Kilometers per hour), F/min (Feet /per minute), Knots	
Accuracy	±(2% + 1 Digit) ≤ 25 m/s	
Operating Temp	0°C to 50°C	
Dimensions	Sensor Head: Round 72mm Dia.	
Operating Humidity	Max 90% RH (0°C to 35°C)	

#### Model Specification

Dimensions (mm)	240(L) x 54(W) x 34(H)
Power Source	9V Battery
Weight	180g

