

**ST730/732/733 IRthermo-anemometer**

ST730/732/733 series are the IRthermo-anemometer with a highly sensitive hot-wire and also built-in a non-contact infrared thermometer. The users are easily to measure the air velocity below 0.2 m/s and the target temperature at the same time. It provides a wide range measurement of air velocity, fast response time and the readings are shown with a super large LCD with dual function display, read the air velocity & temperature at the same time.

**Features**

- Simultaneous display of air velocity plus ambient temperatures.
- Combination of hot wire and standard thermister, deliver rapid and precise measurements event at low air velocity.
- Wide range measurement of air velocity.
- Multi-functions for measurement: m/s, km/h, ft/min, knots, mile/h, CMM (732/733), CFM (732/733).
- Infrared thermometer measures remote surface temperature to 537.5°C (999.5°F) with 8:1 (730/732) / 30:1 (733) distance to spot ratio.
- Data hold and record / recall maximum, minimum and average reading.
- Auto power off after 10 minutes of idle (30 minutes with AC power).



**Function Table**

Model name	ST730	ST732	ST733
Data Logging (20000 points)	○	●	●
Time Interval	○	●	●
PC Interface (USB)	○	●	●
AC Power	●	●	●
Max / Min / Avg	●	●	●



**Specifications**

Model name	ST730	ST732	ST733
Measurement	Air Velocity : m/s, ft/min, km/h, mile/h, knots Temperature : °C and °F	Air Velocity:m/s, ft/min, km/h, mile/h, knots Air Flow : CMM (m³/min), CFM (ft³/min) Temperature : °C and °F	
Air Velocity Range	0.00~40.00 m/s, 0.0~7874.0 ft/min, 0.00~144.00 km/h, 0.00~89.50 mile/h, 0.00~77.75 knots		
Air Velocity Resolution	0.01 m/s, 0.1 ft/min, 0.01 km/h, 0.01 mile/h, 0.01 knots		
Air Velocity Accuracy	±(0.03 m/s + 3% of reading), ±(5.9 ft/min + 3% of reading), ±(0.11 km/h + 3% of reading), ±(0.07 mile/h + 3% of reading), ±(0.06 knots + 3% of reading)		
Infrared Thermometer Range	-32~537.5°C (-25.6~999.5°F)		
Infrared Thermometer Accuracy	-32.0~ -20°C (-25.6~ -4°F) : ±3°C (±5.4°F), -20.0~100°C (-4~212°F) : ±2°C (±3.6°F), 100~537.5°C (212~999.5°F) : ±2%		
Infrared Thermometer Resolution	0.1°C / 0.1°F		
Distance / Spot Ratio	8:1	8:1	30:1
Emissivity	0.95 fixed	0.95 fixed	Adjustable 0.10~1.00
Sample Time	Approx. 0.5 sec.	Approx. 0.5 sec.	Approx. 0.5 sec.
Dimensions	184x70x40 mm (7.24"x2.76"x1.57"), Telescope probe : approx. 1800 mm (70.87") include wire rod		
Weight	320 g (11.29 oz.)	320 g (11.29 oz.)	310 g (10.93 oz.)
Accessories	9V battery, Instruction manual, Carrying case, AC adapter, USB cable, CD (732/733)		

