

## General Characteristics

- ▶ The TriLogic of VentDepot, 3-in-1 Humidity, Temperature and Airflow Meter.
- ▶ Ergonomic pocket size housing, large dual LCD.
- ▶ Simultaneously displays Temperature and Air Velocity or Relative Humidity.
- ▶ Type K input socket for high temperature measurements to 2372°F (1300°C) using optional (TP870) Type K thermocouple.
- ▶ Min/Max, Data hold, Auto power off with disable feature.
- ▶ Built-in low friction vane wheel improves air velocity accuracy.
- ▶ Thin-film capacitance humidity sensor for fast response.

## Product Applications

- ▶ Measurements in: Equipments of ventilation, extraction, injection, air conditioning, heating, louvers, diffusers, systems of pneumatic transport, opened field, etc.

## Warranties and Guaranties

- ▶ Manufacturer's Warranty: 1 year.



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## Specific Characteristics

Item #	Precision			Battery	Weight and Dimension with Packing Cartoon	
	Wind	Temperature	Humidity	Include	lbs	in
<b>USTLG-001</b>	± 1%	± 1°C ó ± 2°F	10% a 70% HR: ±4%	--	0.500	7x3x2

## Specification

Measurement	Range	Resolution	Accuracy
MPH (Miles per hour)	0.9 to 67.0MPH	0.1MPH	
km/hr (kilometers per hour)	1.4 to 108.0 km/h	0.1km/h	
Knots (nautical miles per hour)	0.8 to 58.3 knots	0.1knots	≤ 3937 ft/min: ±3% F.S. > 3937 ft/min: ±4% F.S
m/sec (meters per second)	0.40 to 30.00 m/s	0.1 m/s	
ft/min (feet per minute)	80 to 5910 ft/min	1ft/min	
Temperature/Thermistor	32 to 122oF (-0 to 50oC)	0.1oF/C	± 2.5oF (± 1.2oC)
Temperature /Thermocouple	148 to 2372°F	0.1°F	± (1% + 2°F) ± (1% + 1°C)
Relative Humidity	100 to 1300°C	0.1°C	±4% RH (from 10% to 70%RH) ±5.2% RH (> 70% RH)

## Specification

Description	Capacity	Description	Capacity
Display	4 digit (9999 count) Dual Display LCD	Data Hold	Data Hold freezes the display
Sensors	Thin film capacitance humidity sensor	Operating conditions	32 to 122oF (0 to 50oC) / < 80% RH
Min/Max	Min/Max recalls the highest/lowest reading	Power supply	9 Volt Battery

## Description

1. LCD display.
2. Keypad.
3. Vane 1"Ø (24mm).
4. Thermocouple input jack.
5. %RH sensor.
6. Battery compartment (rear).

