



Portable Anemometer

MEASURE AIR FLOW SPEED, VOLUMETRIC FLOW RATE AND TEMPERATURE

ATS-0345-1 is a portable vane anemometer for measuring air flow speed and volumetric flow rate. The rotating blades create a frequency proportional to the wind speed. This frequency is accurately converted to speed with 0.1 m/s accuracy. The compact and ergonomic design allows the **ATS-0345-1** to be portable, the anemometer's hard plastic carrying case makes transport and storage easy.

PRODUCT SPECIFICATIONS

- » Air velocity range:
0.3m/s to 45.0m/s
- » Air velocity accuracy:
±3%±0.1
- » Operating temperature:
0°C to 60°C (32°F – 140°F)
- » Temperature accuracy: ±0.5°C (±2.7°F)
- » Sampling rate: 1 cycle/second
- » Operating humidity: ≤90% RH
- » Storage temperature:
-10° – 60°C (14° – 140°F)
- » Storage humidity: 80%RH
- » Anemometer weight: 311g (.7lbs)
Tripod weight: 250g (.6lbs)
Blade mount: 150g (.3lbs)
- » CE Approved



Portable Anemometer calibration completed in one of ATS' research quality calibration wind tunnels.



PRODUCT OFFERINGS:



ATS-0345-1
Portable Anemometer with
Carrying Case



ATS-0345-2
Portable Anemometer with
Carrying Case and Tripod



ATS-0345-3B
Portable Anemometer with
Hands Free Blade Mount in Black
OR **ATS-0345-3W**
Hands Free Blade Mount in White

FEATURES

- » **MEASUREMENT**
Measures air flow speed, volumetric flow rate and temperature
- » **POWER SOURCE**
9V Battery (included)
- » **SAFETY FEATURES**
Low battery indication icon and Auto Power Off if inactive
- » **SAMPLING**
1 (one) cycle per second.
- » **DISPLAY**
Large backlit LCD display for ease of viewing.
- » **ACCURACY**
Measures air velocity with an accuracy of ±3%.
- » **DIMENSIONS**
Vane Anemometer:
Thickness = 1.5"
Length = 6.1"
Diameter = 3.0"
Carrying Case:
350 x 290 x 85 mm
(13.8 x 11.4 x 3.4")
- » **DESIGN**
Portable, compact design. Includes quality carrying case for easy transport and storage

APPLICATIONS

- » Wind tunnel
- » HVAC
- » Automotive
- » Fume hood testing
- » Air duct measurement
- » Sailing and sea born applications.
- » Metrology