EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

Mini Thermo-Anemometer Series

Pocket Air Velocity meters

With displays of Temperature, Relative Humidity and Dew Point

Features:

- Fold up protective housing extends to 9" for better reach
- Large dual display of air velocity and temperature
- Data Hold to freeze most recent display
- Auto shutoff 15 minutes after last key is pressed
- Water resistant housing floats and Drop tested to 6 feet
- Complete with CR2032 lithium battery and lanyard

Windspeed:

- Measures ft/min, MPH, m/s, km/h, Knots and Beaufort Force
- Selectable averaging function of 5, 10, or 13 second intervals
- Replaceable non-corrosive plastic wind vane (impeller)

Temperature and Windchill:

- Measures from 0 to 122°F (-18 to 50°C)

Model 45158 Additional Features:

Relative Humidity and Dew Point:

- Dual display of air velocity and relative humidity
- Measures RH from 10% to 95%
- Measure Dew Point from 32°F to 122°F

Easily flips open with the shake of the wrist!

Measurements	Range	Resolution	Basic Accuracy
ft/min (feet per minute)	100 to 5500 ft/min	20ft/min	± (3%rdg + 40ft/min)
m/s (meters per second)	0.5 to 28m/s	0.1m/s	± (3%rdg + 0.2m/s)
km/h (kilometers per hour	1.8 to 100.6 km/h	0.7km/h	± (3%rdg + 1.4km/h)
MPH (Miles per hour)	1.1 to 62.5 MPH	0.2MPH	± (3%rdg + 0.4MPH)
knots (nautical miles per hour)	1.0 to 54.3 knots	0.3knots	± (3%rdg + 0.6knots)
Beaufort Force	1 to 17 BF	1 BF	± 1
Temperature	0 to 122°F (-18 to 50°C)	0.1°F/°C	±1.8°F/±1°C
Relative Humidity (Model 45158)	10% to 95%	1%	± 4%
Dew Point (Model 45158)	32°F to 122°F	1°	± 2%
Power	CR2032 Lithium battery		
Dimensions	5.25 x 2.75 x 0.75" (133 x 70 x 19mm)		
Vane	1"(24mm) diameter		
Weight	3oz (95g)		

Ordering Information:

45118 .....Mini Thermo-Anemometer with Temperature
45158 .....Mini Thermo-Anemometer with Temperature & Humidity
45116 .....Spare Mini Impeller Assembly (2pk) for 45118
45156 .....Spare Mini Impeller Assembly (2pk) for 45158
CA895 .....Vinyl Pouch Carrying Case

Distributed by:

TESTERS AND TOOLS.COM
Trust Experience Reliability
sales@testersandtools.com
Tel: 602-795-4033, Fax: 602-795-4624

CE

Specifications subject to change without notice.
Copyright © 2007-2011 Extech Instruments Corporation. All rights reserved including the right of reproduction in whole or in part in any form.

2/23/11 - R1