Elcometer 410 Wind Speed Anemometer

The Elcometer 410 Anemometer is a portable, pocket size instrument for taking accurate readings of wind speed.

The lightweight impeller with high precision jewel bearings provides very accurate airflow measurements even at low speeds. The impeller can easily be replaced without the need to return the unit to Elcometer.

The wind speed can be displayed in various measurement units; indicating current speed, maximum speed or average speed.

Technical Specification

Part Number	Description	
G410-1	Elcometer 410 Anemometer	
Functions	Current wind speed (3 second average) Average speed since power on (AVG) Maximum 3 second gust since power on (MAX) Data Hold	
Measurement Units	Knots (kt), metres per second (m/s), kilometres per hour (km/h), miles per hour (mph), feet per minute (ft/min) and Beaufort Force (B)	
Operating Range	0.4m/s to 60m/s (0.8 to 135.0mph)	
Specification Range	0.4m/s to 40m/s (0.8 to 89.0mph)	
On-axis Accuracy	±3% of reading or least significant digit, whichever is the greater	
Off-axis Response	-1% at 5º, -2% at 10º, -3% at 15º	
Calibration Drift	<1% after 100 hours operation at 7m/s	
Resolution	0.1 kt, m/s, km/h, mph. 1 ft/min below 1999 ft/min, 10 ft/min above 2000 ft/min. 1 Beaufort (0 to 12)	
Operating Temperature	-10ºC to +55ºC (14ºF to 131ºF)	
Storage Temperature	-30ºC to +60ºC (-22ºF to 140ºF)	
Power Supply	1 x CR2032 battery	
Battery Life	Approximately 300 hours	
Auto Switch Off	45 minutes after last key press	
Dimensions	Instrument Only: Instrument and Protective Cover:	122 x 42 x 20mm (4.8 x 1.6 x 0.8”) 122 x 46 x 26mm (4.8 x 1.8 x 1”)
Weight	Instrument Only: Instrument and Protective Cover:	65g (2.3oz) 102g (3.6oz)
Packing List	Elcometer 410 Anemometer, protective cover, lanyard, 1 x CR2032 battery and operating instructions.	

Accessories

T41021406 Replacement Impeller

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