



ANEMOMETER WITH BEAUFORT SCALE

MODEL NO: TA070

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions

BATTERY WARNING

KEEP OUT OF REACH OF CHILDREN
Swallowing can lead to chemical burns, perforating of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



1. SAFETY

- WARNING!** Ensure Health & Safety, local authority and general workshop practice requirements are adhered to when using this equipment.
- WARNING! This equipment can be used in a wide variety of conditions and situations including workshop, industrial and marine environments.** In each case, the user of the equipment must familiarise themselves with the safety regulations that apply to the particular conditions or situation in which the equipment will be used and do their own risk assessment in order to stay safe and avoid personal injury.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip footwear.
- ✓ Keep the anemometer clean and in good condition.
- ✓ Protect the anemometer from solvents, acids or other aggressive substances.
- ✓ Keep children and unauthorised persons away from the work area.
- ✗ **DO NOT** get the anemometer wet or use in damp or wet locations or areas where there is condensation.
- ✗ **DO NOT** use the anemometer for any purpose other than that for which it is designed.
- ✗ **DO NOT** use the anemometer if any part of it is damaged.
- ✗ **DO NOT** allow untrained persons to use the anemometer.
- ✗ **DO NOT** use the anemometer when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When not in use, clean the anemometer and store in a safe, dry, childproof area.
- WARNING! The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.**

2. INTRODUCTION

Wind speed measuring device featuring live/max/average/wind chill and Beaufort scale. Ideal for checking workshop dust/fume extraction devices. Also reads temperature which can be measured in either °C or °F. Readings are displayed on a 24mm high back-lit LCD screen. Features a battery indicator and auto/manual power off.

3. SPECIFICATION

Model No:TA070
Battery:CR2032 3V (supplied)
Nett Weight:0.07Kg

Air Velocity				
Unit	Range	Resolution	Threshold	Accuracy
M/s	0~30	0.1	0.1	±5%
Ft/Min	0~5860	19	39	
Knots	0~55	0.2	0.1	
Km/hr	0~90	0.3	0.3	
Mph	0~65	0.2	0.2	
Temperature				
Unit	Range	Resolution	Accuracy	
°C	-10°C~+45°C	0.2	±2°C	
°F	14°F~113°F	0.36	±3.6°F	
Operating Temperature		-10°C~+45°C (14°F~113°F)		
Operating Humidity		Less than 90%RH		

4. OPERATION

- 4.1. Switch On Procedure**
 - 4.1.1. Hold down the MODE button (fig1.1) for 2 seconds. The unit will display the Air Velocity, Temperature and Battery Condition. The screen backlight will illuminate for 12 seconds.
- 4.2. Setting the Unit of Measurement (Air Velocity)**
 - 4.2.1. With the unit switched on, hold down the MODE button (fig.1.1) for 3 seconds until the 'm/s' symbol on the display screen (fig.2) starts to flash.
 - 4.2.2. Press the SET button (fig.1.2) to scroll down to the desired unit of measurement on the display screen (fig.2).
 - 4.2.3. Once the desired unit of measurement for air velocity has been selected, press the MODE button (fig.1.1) to confirm the selection.

4.3. Selecting the Air Velocity measuring mode

- 4.3.1. The unit has 3 modes for the measurement of air velocity:
- CU - Current Air Velocity.
 - MAX - Maximum Air Velocity Measured.
 - AVG - Average Air Velocity Measured.
- 4.3.2. To select the desired measuring mode, with the unit switched on, hold down the MODE button (fig.1.1) for 3 seconds until the 'm/s' symbol on the display screen (fig.2) starts to flash.
- 4.3.3. Press the SET button (fig 1.2) and scroll through the units of measurement until 'CU' is displayed in the temperature display area on the screen (fig.2). Continue to press the SET button (fig.1.2) to scroll to 'MAX' or 'AVG' measuring mode, as indicated on the display.
- 4.3.4. Once the desired measuring mode has been selected, press the MODE button (fig.1.1) to confirm the selection.
- Note:** The settings will remain stored when the unit is switched off normally. If the battery is removed, the unit will default to the factory presets.

4.4. Setting the Unit of Measurement (Temperature)

- 4.4.1. Remove the unit from the protective shroud (fig1.6).
- 4.4.2. Switch the unit on, and insert a suitable pin into the temperature setting aperture at the rear of the unit (fig.1.3). Press the internal switch to change the temperature unit of measurement between °C and °F.

4.5. Digital Display Backlight

- 4.5.1. When the unit is switched on, press any button to illuminate the display backlight for a 12 second period.

4.6. Digital Display (fig.2)

- 4.6.1. With the unit switched on and the impeller (fig.1.4) rotating, the wind speed, temperature and Beaufort Scale readings will show on the display screen.
- 4.6.2. If the temperature falls below 0°C (32°F) the 'wind chill' function will activate and show on the display (fig.2).

4.7. Switch Off Procedure

- 4.7.1. To switch the unit off, press the MODE button (Fig.1.1) and the SET button (fig.1.2) simultaneously.
- 4.7.2. If the unit is switched on and not used for more than 14 minutes, the 'auto power shut off' function will switch off the unit.

4.8. Battery Replacement

- 4.8.1. If the Battery Condition Indicator (fig.2) displays the symbol, the battery requires replacement.
- 4.8.2. Remove the unit from the protective shroud (fig.1.6).
- 4.8.3. Using a coin, rotate the battery cover (fig.1.5) counter- clockwise until it can be removed from the unit. Remove the unserviceable battery and replace with a serviceable CR2032 3V battery. Re-fit the battery cover (fig.1.5) and rotate clockwise until locked into place.
- 4.8.4. Re-fit the protective shroud (fig.1.6).



fig.1

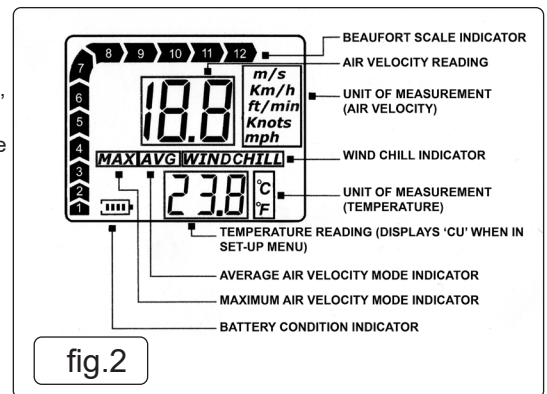


fig.2



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



BATTERY REMOVAL SEE SECTION 4.8

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd Batteries Producer Registration Number (BPRN) is BPRN00705.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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