HAND HELD ANEMOMETER

Instruction Manual Cat. No. 42.6000.06

Thank you for choosing this instrument from TFA.

BEFORE YOU USE IT

Please be sure to read the instruction manual carefully. Following the instruction manual for use will prevent damage to the device and loss of your statutory rights arising from defects due to incorrect use

We shall not be liable for any damage occurring as a result of not following these instructions. Please take particular note of the safety advice! Please look after this manual for future reference.

FIELD OF OPERATION AND ALL OF THE BENEFITS OF YOUR NEW INSTRUMENT AT A GLANCE:

- Wind speed measure in mph, Km/h, m/s or Knots
- Wind speed in Beaufort wind scale bar graph
- Wind chill display
- Temperature display in degrees Celsius or Fahrenheit
- LCD back-light
- Auto power OFF
- Neck band included
- Splash-proof

For your safety:

- The product is exclusively intended for the field of application described above. The product should only be used as described within these instructions
- Unauthorised repairs, modifications or changes to the product are prohibited.
- The product is not be used for public information, but is intended only for home use





- Keep this instrument and the battery out of reach of children. Be careful when using the probe. Always store the instrument folded in.
- Batteries must not be thrown into the fire, short-circuited, taken apart or recharged. Risk of explosion!
- Batteries can be fatal if swallowed. If a battery has been swallowed, get medical assistance immediately.
- Batteries contain harmful acids. Low batteries should be changed as soon as possible to prevent damage caused by a leaking battery.
- Wear chemical-resistant protective gloves and glasses when handling leaked batteries.

! Important information on product safety!

- Do not place the unit near extreme temperatures, vibration or shock.
- Do not immerse the display device into
- water. Water can penetrate and cause
- malfunction
- ELEMENTS Impeller MODE/@ kev Battery + kev cover

GETTING STARTED Batterv compartment

Battery Lithium cell cover (CR2032)

- Firstly, use a large coin to open the battery cover at the back of 1. the anemometer as indicated above
- 2. Checking the correct polarization, insert 1 x 3V (CR2032) lithium cell, positive (+) pole up into the battery compartment and replace the cover
- 3. When the battery is inserted, all the segments of the LCD and back light will light up briefly. Your anemometer is now operational.

Note:

+ key

(PLUS)

After inserting the battery, test the anemometer by blowing directly at the impeller for about 30 seconds.

The reading on the LCD should change. If it is not the case, remove the battery. Wait for 30 seconds and re-insert the battery again.

FUNCTION KEYS:

The anemometer uses the following keys:

- MODE/O key : To toggle between wind speed and temperature/wind chill display Power ON/OFF To enter the setting mode Back-light-On To change operation mode
 - To change parameter in setting mode
 - Back-light-On

SELECTION OF OPERATION MODE There are two modes, one is wind speed, and another is

temperature/Wind chill. By pressing the "MODE/O" key the display will toggle between wind speed and temperature/wind chill

WIND SPEED MODE

The wind speed mode can be selected into 3 different displays at any time



Since power on Since power on

To toggle between current wind speed, maximum wind speed and average wind speed, simply press the "+" key:

BEAUFORT WIND SCALE (bft)

The Beaufort scale is displayed in bar graph (0-12). This is a system for estimating wind force without the use of instruments based on the visible effects of the wind on the physical environment.

Force	Description	Kts	m/s	km/h	mph
			111/5	NIIVII	mpn
0	Calm	0	0	0	0
1	Light Air	1	0.5	1.8	1.1
2	Light Breeze	4	2.1	7.4	4.6
3	Gentle Breeze	7	3.6	13.0	8.1
4	Moderate Breeze	11	5.7	20.4	12.7
5	Fresh Breeze	17	8.8	31.5	19.6
6	Strong Breeze	22	11.3	40.8	25.4
7	Near Gale	28	14.4	51.8	32.3
8	Gale	34	17.5	63.0	39.2
9	Strong Gale	41	21.1	75.9	47.2
10	Storm	48	24.7	88.9	55.3
11	Violent Storm	56	28.8	103.7	64.5
12	Hurricane	64	32.9	118.5	73.7

TEMPERATURE AND WIND CHILL MODE

The temperature and wind chill modes can be selected into 2 different displays at any time.



Temperature By pressing the "+" key the display will toggle between temperature

and Wind chill

When the temperature is outside the range from -29.9°C to +59°C, there will be no wind chill measurement

WIND CHILL

The anemometer calculates automatically wind chill, which can provide useful information for preparing outdoor activities in cold weather. "Wind chill" provides an indication of how cold it feels given the combined effects of the actual air temperature and the wind speed.

POWER ON/OFF Press and hold down the "MODE/@" key for 2 seconds to switch

ON/OFF

Note: The anemometer is automatically switched OFF when no key is pressed in 34 minutes.

MANUAL SETTING

Before entering the manual setting mode, switch off the anemometer. Press and hold down the "MODE/O" key for about 4 seconds, the speed unit will start flashing on the LCD when the manual setting mode is entered.

MEASUREMENT SCALE SETTING

- After entering the manual setting mode, press "+" key to set the 1. measurement scale in km/h (kilometers per hour), mph (miles per hour), m/s (meters per seconds) or Kts (Knots).
- Now press the "MODE/O" key to confirm and enter the "°C and 2. °F settina".

°C AND °F SETTING

- Following from the measurement scale setting °C will be 1.
- flashing, use the "+" key to toggle °C and °F. Once the desired temperature unit has been chosen, press the 2. "MODE/@" key to confirm and enter the "Average time for

current speed measurement setting".

AVERAGE TIME FOR CURRENT SPEED MEASUREMENT SETTING

The current wind speed can be measured in average wind speed in a

- time interval 2-10 seconds Following from the °C and °F setting, press "+" key to set the
- 1. desired average time. The range runs from 2 to 10 seconds.
- 2. Once the desired average time has been chosen, press the "MODE/O" key to confirm and go back to the normal mode.

LCD BACK-LIGHT

The LCD back-light is automatically switched ON when any one of the 2 function keys are pressed and held down about 2 seconds. The back-light will be switched on for approximately 8 seconds before automatically switching OFF.

FASTENING THE NECKLACE

The carry necklace is supplied with the anemometer

> To fasten, simply insert the clip of the necklace into the buckle end of the anemometer until it clicks into place

To unfasten, simply press both sides of the clip until it can be

removed from the buckle

CARE AND MAINTENANCE

- Clean the instrument with a soft damp cloth. Do not use solvents or scouring agents
- Remove the battery if you do not use the product for a lengthy period.
- Keep the instrument in a dry place.

TROUBLESHOOTING

Problems	Solution
No display	Switch on the instrument
	Ensure battery polarity is correct (+ pole
	above)
	Change battery
Incorrect display	Change battery

If your device fails to work despite these measures contact the supplier from whom you purchased it.

Waste disposal

This product has been manufactured using high-grade materials and components which can be recycled and reused.



Never dispose empty batteries and rechargeable batteries in household waste. As a consumer, you are legally required to take them to your retail store or to appropriate collection sites depending to national or local regulations in order to protect the environment.

The symbols for the heavy metals contained are: Cd=cadmium, Hg=mercury, Pb=lead



Battery life

Wertheim

02/12

www.tfa-dostmann.de

SPECIFICATIONS:

Recommended operating temperatures :

Minimum: 0.2 m/s; 0.3 knots; 0.4 mph; 0.7 km/h

Maximum: 30 m/s; 58.3 knots; 67.1 mph; 108 km/h

• Power consumption : 1 x 3V lithium cell (CR2032)

Temperature checking interval: every 10 seconds

Wind speed accuracy : ±5% or ± least significant digit

backlight.)

TFA Dostmann GmbH & Co. KG, Zum Ottersberg 12, D - 97877

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TFA Dostmann. The technical data are correct at the time of going to

: Approximately 12 months

(The battery life might be shorter than 12

50 x 18 x 137 mm

months depending on the use of the

-29.9°C to +59°C with 0.1°C resolution

("---" displayed if outside this range)

Wind speed measuring range :

Dimensions (L x W x H) :

print and may change without prior notice.

This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). Please do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices

to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal.