

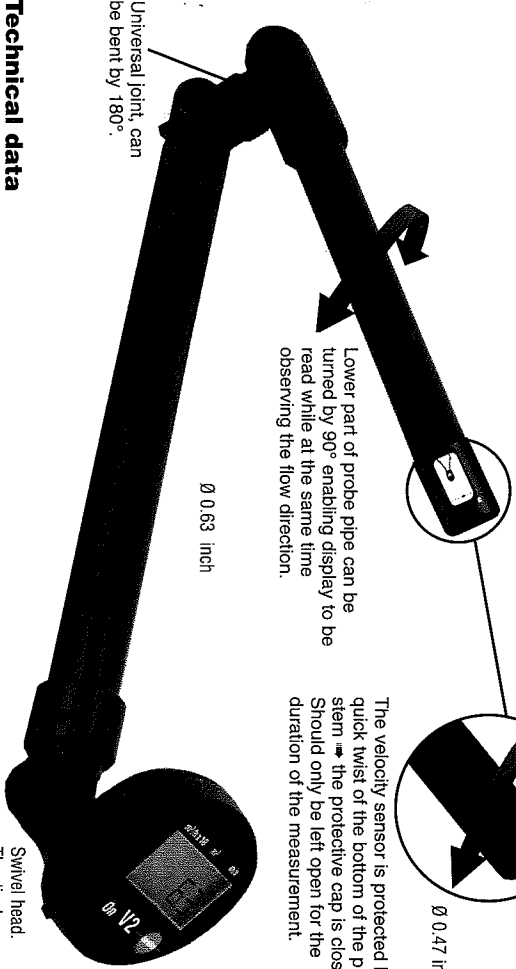
testo



Instruction manual

testo 405-V2 Velocity stick

You have made the right decision by choosing a measuring instrument from the Testo stick product line. If handled properly you will have many years of reliable and accurate measured results.



Lower part of probe pipe can be turned by 90° enabling display to be read while at the same time observing the flow direction.

The velocity sensor is protected by a quick twist of the bottom of the probe stem → the protective cap is closed. Should only be left open for the duration of the measurement.

Technical data

Measuring range: 0 to 1000 fpm
 at -4 to +32 °F
 0 to 1970 fpm at +32 to +120 °F
 0 to 99 990 cfm

Resolution: 1 fpm; 0,1 °F
 Accuracy: (system accuracy at calibration temp. +77 °F)
 ±5% of m.v. ±20 fpm (to 400 fpm),
 ±5% of m.v. ±60 fpm (over 400 fpm)
 ± 0,9 °F

Ambient temperature: +32 to +120 °F
 Storage temperature: -4 to +160 °F
 Battery type: 3 x micro (AAA)
 Battery lifetime: Approx. 20 h
 (approx. 750 measurements lasting 2 minutes each)
 Probe stem: Ø 0.47 inch/0.63 inch
 Length: 11.8 inch
 Warranty: 1 year

Please read before using instrument

- Observe flow direction • Adhere to sensor measuring ranges • Do not exceed maximum storage and operating temperatures (e.g. protect measuring instrument from direct sunlight)

Inexpert handling cancels your warranty.

Measuring instruments conform to EN 50 081-1 + EN 50 082-1

Switching on

Press button once:
segment test follows.

The velocity value is shown on the display after the segment test.



Switching off
Keep button pressed for 3 seconds.



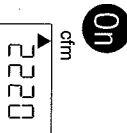
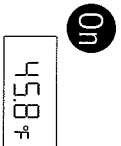
Auto Off function
If no button has been pressed in 5 minutes, the instrument switches itself off automatically.

Changing the battery

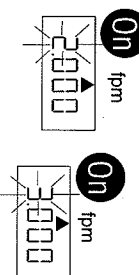
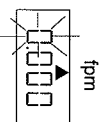
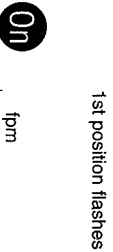
The battery has to be changed if the symbol appears in the display. Turn the bayonet coupling on the head part to the left and then press head back. Remove empty battery and replace with new battery. Observe polarisation - and close coupling again.

Changing the parameters

Press button repeatedly:



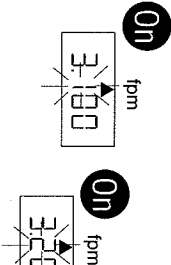
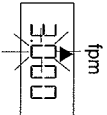
Set duct cross-section
Keep On button pressed when switching on.



- until the required digit is shown, etc.



Wait 3 seconds and the digit will apply. The cursor then changes to the next position.



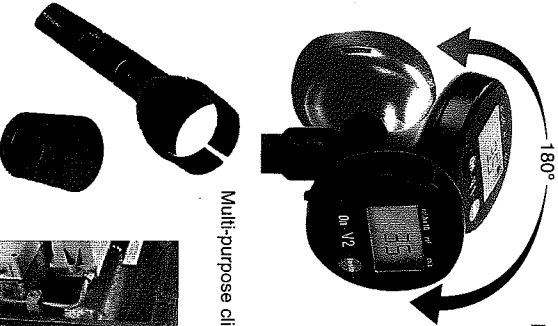
- until the required digit is reached, etc.



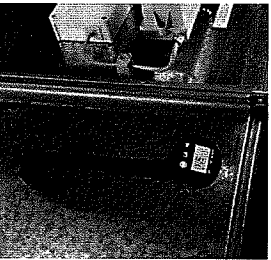
Wait 3 seconds and the digit will apply. The cursor then changes to the next position. Any digit between 0 and 9 can be set at each position
= duct cross-section in fpm

Swivel head.
The display can always be read.

Multi-purpose clip



Holder for positioning stick in duct e.g. in air con duct, see Fig. opposite.



Flow direction

An arrow on the protective cap shows the flow direction in which the stick was calibrated and the best readings obtained.

