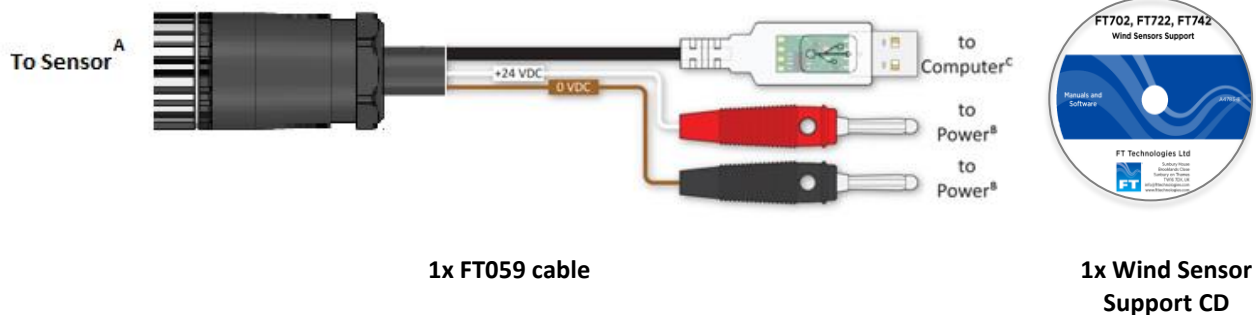# Acu-Test for SM (RS485)

FT Technologies Test Equipment makes it easy to test and evaluate the output of FT742-D-SM (RS485) wind sensors. The Acu-Test SM (RS485) pack is made-up of the FT059 cable and the FT Acu-Vis software.
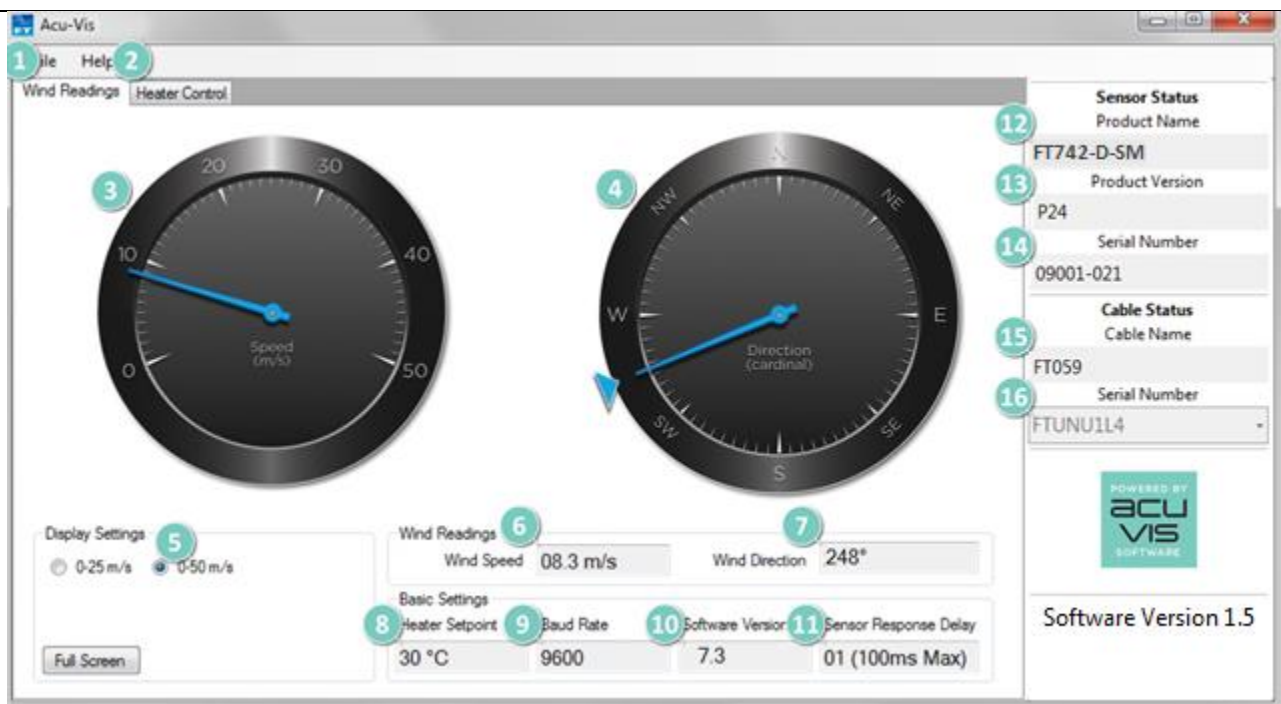
INCLUDED IN THE PACK

1x FT059 cable **1x Wind Sensor Support CD**

Each cable is labelled with a unique serial number and build date to ensure quality and traceability.
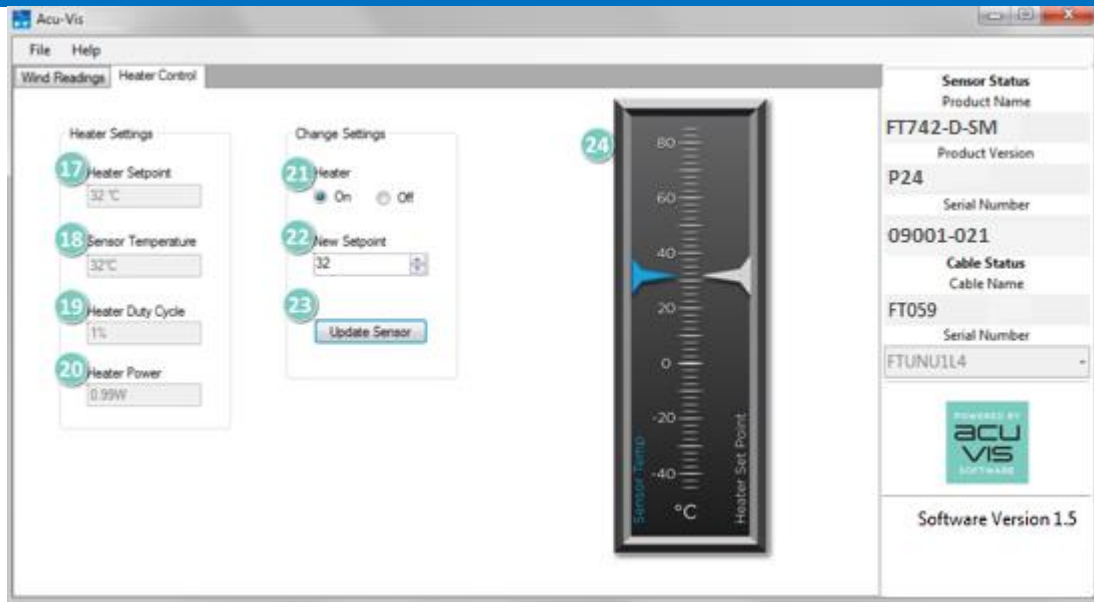
ACU-VIS SOFTWARE

Above - Screen shot with sensor 09001-021 connected, on "Wind Reading" tab

1. "Wind Reading" Tab – live readings from sensor
2. "Heater Settings" Tab
3. Wind Speed Dial
4. Wind Direction Dial
5. Wind Speed Dial Range Selection
6. Wind Speed (numeric)
7. Wind Direction (numeric)
8. Current Heater Setpoint

9. Sensor Communication Baud Rate
10. Software Version on Sensor
11. Sensor Response Delay – user defined
12. Product Name – of attached sensor
13. Product Version – of attached sensor
14. Serial Number – of attached sensor
15. Cable Name – type of attached cable
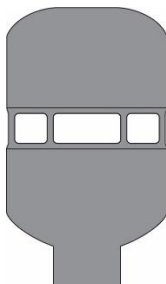16. Serial Number – of attached cable

FT TECHNOLOGIES LTD
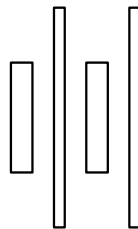
Acu-Test for SM (RS485)

Above - Screen shot with sensor 09001-021 connected, on "Heater Control" tab

17. Heater Setpoint – Currently applied to the sensor

18. Sensor Temperature – Sensor's internal temperature

19. Heater Duty Cycle – Current % of max. heater power

20. Heater Power – Estimate of heater power

21. Select to enable/disable sensor heaters

22. New Desired Heater Setpoint

23. Update Sensor – Load new heater settings to sensor
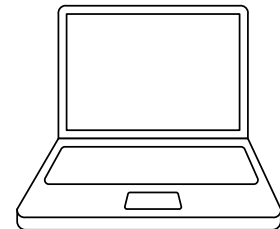
24. Temperature gauge

YOU WILL ALSO NEED

Sensor[A]   +   **Power Source**[B]   +   **Computer**[C]

A. This equipment can only be used to test the FT742-D-SM (RS485) wind sensor.
B. Use a bench power supply unit, 6-30 VDC (2A min.), Rechargeable Battery or +24 VDC Laptop charger.
C. Acu-Vis software will run on Window XP, Vista, Windows 7, Windows 8 or Windows 10 computers.

Warning: Live connection/disconnection of the power and/or sensors during live operation, or miswiring of the power leads could damage the equipment and is not covered by FT's standard warranty terms.

KEEPING IT SIMPLE

This software is to be used as a simple way to test the wind speed and direction functionality of an FT Technologies digital output wind sensor. If you have any further software requirements, please contact us and we will be happy to discuss your needs in more detail.

The Acu-Test SM (RS485) pack is available from sales@fttechnologies.com
+24 VDC Laptop charger (available on request).