



# FT050 Acu-Test Cable

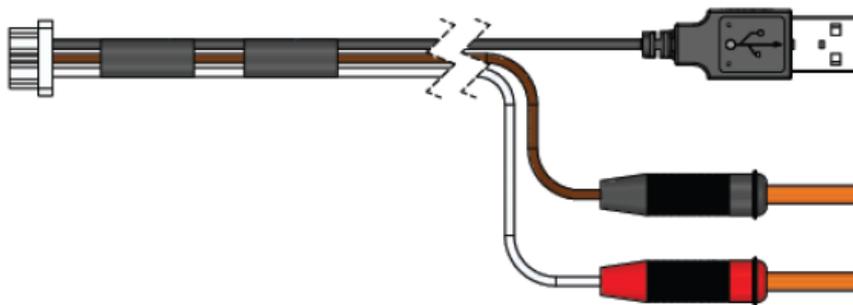
The FT050 Acu-Test cable is designed for displaying wind speed, direction and temperature data from an FT205 wind sensor, using the Acu-Vis 2.0 PC software.

The FT050 may also be used with a serial communications program, for example Tera Term.

The FT050 cable should not be used for the final production system.

Acu-Vis 2.0 may be distributed on a CD or on request from the FT technical support department.

Included in the pack:



1x FT050 Acu-Test Cable

## User Requirements:

- The FT205 Wind Sensor
- FT050 Acu-Test Cable
- 6-30VDC Benchtop Power Supply (30mA typical) – Alternatively use part FT062 (24VDC power adaptor)
- Windows-Based PC (Windows 7, 8 and 10 supported)



# FT050 Acu-Test Cable



Acu Vis Main Display – Connected to a FT205 Wind Sensor

- |  |   |
|--|---|
| 1 Disconnect Button                                  | 10 FT205 Sensor Software Version                |
| 2 About (Contact details & software build version)   | 11 Sensor Response Delay (refer to user manual) |
| 3 Wind Speed - Display Dial                          | 12 Sensor Product Name                          |
| 4 Wind Direction - Display Dial (degrees or compass) | 13 Sensor Serial Number                         |
| 5 Wind Speed - Display Range                         | 14 Cable Name                                   |
| 6 Wind Speed (numeric)                               | 15 Cable Serial Number                          |
| 7 Wind Direction (numeric)                           | 16 Heater Status                                |
| 8 Heater Setting (not applicable to FT205 sensors)   | 17 Heater setpoint, Sensor & Air Temperature    |
| 9 Communication Baud Rate Setting                    |   |

**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.

**Note:** The FT205 Wind Sensor can be configured to RS422, RS485 (half-duplex) or UART communication modes. The FT050 Acu-Test cable can only communicate in RS485 (half-duplex) mode. The sensor can listen to all 3 communication modes simultaneously (but not transmit), therefore it may be necessary to modify the communication setting of the sensor prior to use with Acu Vis (or command line terminals). Refer to the user manual or contact the technical support team for further details.

**Note:** If the user has requested the FT205 to be shipped with CU mode ('Continuous Update') enabled, it will be necessary to disable CU mode for operation with Acu Vis. Refer to the user manual or contact the technical support team for further details.