

# NEWSLETTER

## Tamson Instruments

March 2021

### New Filter Blocking Tendency Software

Tamson has developed a new software package for the Tamson Filter Blocking Tendency (TFBT). With this optional software package, the TFBT can be connected to a PC, which allows the user to operate the unit from the PC. After each test, the data is stored automatically. The test result can be printed and can be exported to PDF, CSV and graphical formats (PNG). Comments can be added to the test result using a memo field. Also, the user can give the sample an ID for traceability.

The TFBT is supplied as standalone unit where the result is printed after each test. With the new software package, the user will have the possibility to save the test results in a digital database. The TFBT will be equipped with a mini USB connector to connect the TFBT to a PC.

### Primary benefits of new TFBT Software:

- Test results are stored in a database
- Database can be exported at any time
- TFBT can be operated from a PC
- Comments can be added to the test result

TFBTs in the field can be upgraded with this feature. Please contact Tamson for more details if you are interested in the new feature.

### Coming soon: Benchtop thermometer

At this moment, Tamson offers the E20 Digital Contact Thermometer (DCT) with a two or three decimal readout. This DCT with the display mounted above the PT100 probe is inserted in a liquid bath as a replacement for Liquid In Glass thermometers.

The new TT3H and TT3B DCTs use a PT100 probe with a cable connected to the control unit. This control unit can be placed elsewhere on the workbench.

The TT3 can be connected to a PC with an USB cable. The free software allows the user to continuously log the temperature on the PC. Alternatively, the measurements are stored in the internal memory of the TT3 and can be retrieved later.

A smart bracket positions the thermometer under an angle on the workbench. If the bracket is folded, the housing can be placed flat on the bench or stored in the case. A LED backlight can be activated for better contrast when using the device as a handheld. Via the software an offset can be programmed. This can be used to synchronise readings with other equipment. The response time of the thermometer can be altered.

This filters the reading of the thermometer. A filtered reading will be better to observe temperature stability. A fast readout is essential in the observation of the temperature response time.



### Primary benefits of the new TT3 DCT:

- Wide temperature range -40°C .. +140°C
- Three decimal readout
- Accuracy up to  $\pm 0.01^\circ\text{C}$
- Works calibration certificate under ISO 9001, traceable to national standards
- Free software
- Internal memory and data logging
- Chargeable battery offers power for 40 hrs of use
- Programmable offset

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