

NEWSLETTER

Tamson Instruments

March 2026

Tamson Exhibits at Analytica 2026 in Munich

We are exhibiting Hall A2, booth 512 in Munich, Germany from March 24 .. 27. World's Leading Trade Fair for Laboratory Technology, Analysis, Biotechnology and Analytica Conference.

Please visit us at stand 512 in Hall A2! If you will be attending this show, please let us know at sales@tamson.nl.



Upgrade for the Tamson Vacuum System

Since the beginning of the year, the Tamson Vacuum System (TVS) has a one decimal readout in the display. A simple menu offers easy calibration for zero and span when a calibrated reference vacuum meter is available. Via this menu, readout in mm-Hg, mBar or PSI can be selected.

In asphalt laboratories the TVS is used in conjunction with vacuum viscometers for the viscosity determination of highly viscous materials such as asphalt cement at 60°C / 140°F according to ASTM D2171, IP 222, EN 12596 or AASHTOT 202.



New Ultra Low Temperature Visibility Bath

The growing demand for more sustainable fuels and lubricants has led to new viscosity requirements at ultra-low temperatures. The blending of biofuels into both jet aviation fuels (SAF) and lubricants increases the need for accurate viscosity testing at subzero temperatures.

Low-temperature viscosity is critical for both lubricants and jet fuels, as machinery must operate reliably even under extreme

cold conditions. As temperatures decrease, oils naturally become thicker. If a fuel or lubricant becomes too viscous, it may not flow or circulate properly, leaving components insufficiently protected during start-up or operation. Cold starts are particularly critical, as inadequate lubrication can result in metal-to-metal contact and accelerated wear.

Hydraulic systems also depend on proper fluidity to ensure valves and pumps function correctly, especially in aerospace, military, and arctic environments. Maintaining an optimal low viscosity prevents gelling, ensures pumpability, and guarantees dependable performance in harsh, low-temperature conditions.

As viscosity requirements evolve due to the increased use of biofuels, Tamson is proud to introduce the new TV12LT-80. The TV12LT-80 is specifically designed for the kinematic viscosity determination of aviation fuels, SAF, and lubricants at temperatures down to -85 °C. For more information, please visit our [website](http://www.tamson.nl).

Primary benefits of the New TV12LT -80

- Temperature range down to -85 °C
- Rapid cool down time
- Temperature stability better than $\pm 0,02^{\circ}\text{C}$ / stDev $\pm 0,01^{\circ}\text{C}$
- Heated windows, no condensate
- Heated top plate, less moisture
- Three positions for viscometers
- Bath drain and overflow outlet



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