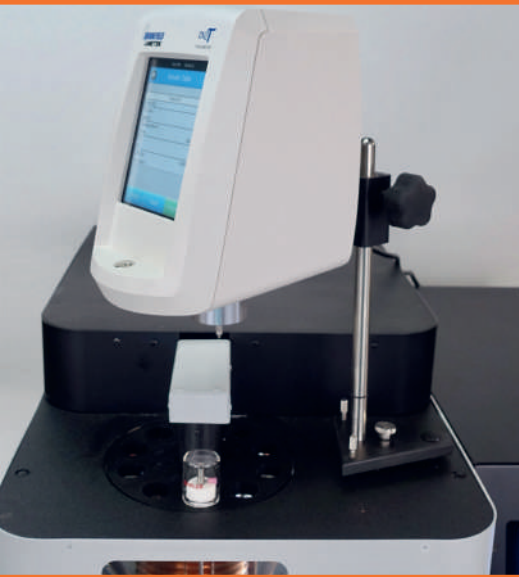


## Programmable Liquid Bath for Low-Temperature Viscosity of Automatic Transmission Fluids, Hydraulic Fluids, and Lubricants using a Rotational Viscometer.

LTRV baths are compliant with ASTM D2983 and related test methods.



*Visco Plus series*



**Model: LTRV-D2983-L-10 | 10 Test positions**

### Key Features

- Programmable Liquid Visibility Bath.
- Windows-based, High-Resolution 7-inch Touch Panel and Data acquisition system.
- Fully ASTM D2983 Compliant software.
- Superior data reproducibility and repeatability.
- Replaces the need for balsa wood carriers.
- Operating temperature range from +20° to -40°C (Optional -55°C model is available).
- Temperature stability better than  $\pm 0.1^\circ\text{C}$ .
- Full visibility of the immersed sample.
- Easy to Export Data to USB and then to other Data Processing Softwares.

### Apparatus Design

Forza ViscoPlus Series of test equipment are software-driven low temperature viscosity baths, designed to be compliant with ASTM D2983 for Low-Temperature Viscosity of Automatic Transmission Fluids, Hydraulic Fluids, and Lubricants using a Rotational Viscometer.

These units come with a 7-inch, high resolution touch screen. The software have a detailed screen to display the cooling profile required for ASTM D2983.

The turntable holds 10 test samples. After the 16 hours conditioning time, the turntable is manually rotated until the proper test cell is under the viscometer. The spindle is connected while the sample is still in the liquid bath. This allows the measurement of viscosity without removing the sample from the temperature controlled environment. Far superior viscosity data repeatability is obtained using this procedure as opposed to the air chamber procedure.

Operating temperature range of the programmable liquid baths is +20° to -40°C. Optional -55°C models are available on request. Temperature control is within  $\pm 0.1^\circ\text{C}$