

# TANNAS CO.

4800 JAMES SAVAGE ROAD  
MIDLAND, MI 48642  
USA



*"Tomorrow's Instruments... Today"*™

## SPECIFICATIONS

### Selby-Noack Volatility Test

#### Principle:

- Determines the evaporation loss (volatility) of lubricating oils without the use of toxic Wood's Metal for heating. Provides ability to collect volatilized material for further analysis.

#### Dimensions:

- Bench-top (16"(w) x 17"(d) x 18.5"(h)) or (41 x 43 x 47 cm)
- ~50 lbs. (23 kg)

#### Voltage:

- 120 VAC, Single Phase, 15 Amp., 60 Hz. (Also available in 220 VAC and 50 Hz)

#### Operating Parameters:

- Programmable Temperature Controller: 250°C ( $\pm 0.1^\circ\text{C}$ )
- Sample Volume: 65 grams
- Test Duration: 1 hour (*automatic shut-off*)

#### Heating Medium:

- Noble-Metal Electric Heater (*Eliminates the use of toxic Wood's Metal*)

#### Vacuum Control:

- Automated Vacuum control ( $\pm 0.1$  cm of H<sub>2</sub>O)
- Built-in Vacuum Pump

#### Special Features:

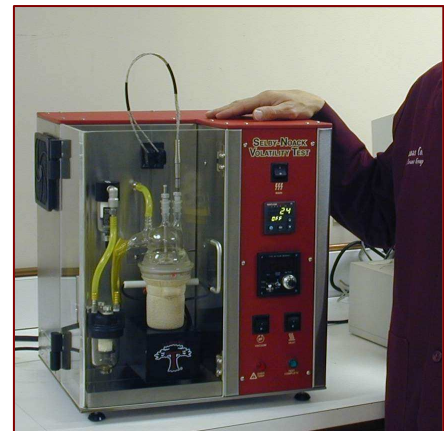
- Patented coalescing system to allow collection of volatilized material for further analyses, such as the Phosphorus Emission Index (PEI) and Sulfur Emission Index (SEI).
- Analog & Digital (RS232) Output Ready for monitoring of both Temperature and Vacuum via printer, chart recorder, or available software program.

#### Safety:

- Current Limiting Fuses (Main, Heat)
- Over-Temperature Cut-out Fuse & Indicator
- Protective Heat Shield
- CE Marked

#### Test Procedures (Specifications):

- ASTM D5800 - Procedure C, (correlates to Procedure A)
- D5800 is included in D4485 specification
- D5800 is included in ILSAC GF-3 & GF-4 specifications
- Phosphorus Emission Index (PEI)
- Sulfur Emission Index (SEI)



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Telephone: (989) 496-2309

FAX: (989) 496-3438

<http://www.tannasco.com>

email: [tannas@savantgroup.com](mailto:tannas@savantgroup.com)

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