



Withdrawal Tube



Filter Funnel



Saybolt Thermometer

DIGIMATIC SAYBOLT VISCOMETER APPARATUS (T.S VERSION)

Standard: ASTM D88, AASHTO T72

Saybolt Universal

This apparatus used to measure the viscosity of fluids, particularly petroleum products like lubricants, fuels, and asphalt at the specific temperatures between 21°C to 99°C. It operates on the principal of efflux viscometry, where the time required for a fixed volume of fluid to flow through a calibrated capillary tube under controlled conditions. Saybolt thermometers are optional and sold separately.

Technical Specifications :

Model Number	NL 2027 X / 002
Dimension (mm)	350 (L) x 305 (W) x 615 (H)
Approx. Weight	15 kg
Power	220 - 240 V, 1 ph, 50 / 60 Hz

Unit Consists Of :

Model Number	Parts Description	Qty
NL 2027 X / 001 - P 001	Viscometer Probe	2nos.
NL 2027 X / 001 - P 002	Furol Orifice	2nos.
NL 2027 X / 001 - P 003	Universal Orifice	2nos.
NL 2027 X / 001 - P 006	60 ml Saybolt Viscosity Flask	2nos.

*1 Copy of Manual Instructions

Optional Accessories :

NL 2027 X / 001 - A 001	Saybolt Thermometer ASTM 17C, 19°C to 27°C X 0.1°C
NL 2027 X / 001 - A 002	Saybolt Thermometer ASTM 18C, 34°C to 42°C X 0.1°C
NL 2027 X / 001 - A 003	Saybolt Thermometer ASTM 19C, 49°C to 57°C X 0.1°C
NL 2027 X / 001 - A 004	Saybolt Thermometer ASTM 20C, 57°C to 65°C X 0.1°C
NL 2027 X / 001 - A 005	Saybolt Thermometer ASTM 21C, 79°C to 87°C X 0.1°C
NL 2027 X / 001 - A 006	Saybolt Thermometer ASTM 22C, 95°C to 103°C X 0.1°C
NL 2027 X / 001 - A 007	Filter Funnel
NL 2027 X / 001 - A 008	Withdrawal Tube
NL 2027 X / 001 - A 009	Bath Oil For 82°C - 99°C Standard Test(5 litres)

*Manual Instruction 1 copy.