

Double Cylinder Digital High Speed Viscometer AVIS 3000 Series



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► **Feature:**

- DvGather Software is for optional
- Configurate RTD Temperature Probe
- Stepping Motor means Accurate, reliable operation
- Direct readout of all measurement parameters
- Auto Range Showing
- Time Function for measurement
- Sound alarm at under 20% Torque
- Linear calibration
- Wide range power supply: 100V-240V.

►► **Applications:**

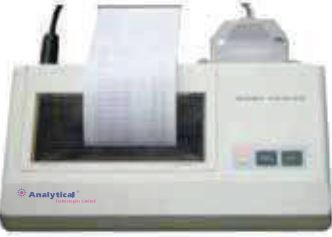





- Starch Inks Latex Adhesives (Solvent base)
- Polymer Solutions Oils Paints and Coatings Solvents
- Cosmetisc Dairy Products Pharmaceuticals Juices, etc.

►► **Optional Accessories:**

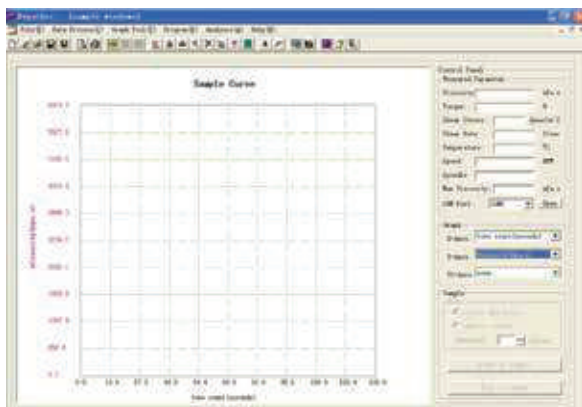
- DvGather Software
- Circulating Water Bath
- Standard Oils
- Micro Printer.

Model	AVIS-3079	AVIS-3079A	AVIS-3079B	AVIS-3079P
Range(mPa.s)	1-1M	1-1.5M	1-7.5M	1-75M
RPM	7.5, 75, 750	5-750 Step 10RPM	1-800 Step 10RPM	1-800
Temperature	0-120°C			
Spindles	E, F, G, The three spindles are with B container for high viscosity A, B, C, D, the four spindles are with A container for low viscosity			
Accuracy	±1.0% of Range			
Repeatability	±0.5%			

►► **AVIS Accessories**

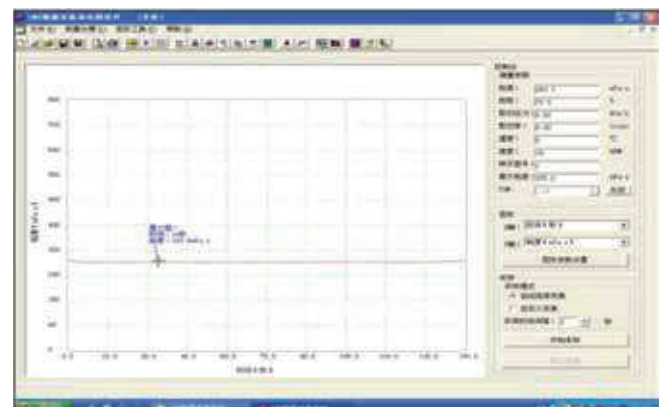
<p style="text-align: center;">Micro Printer</p> 	<p style="text-align: center;">Low Viscosity Adapter</p> 	<p style="text-align: center;">RTD Temperature Prob</p> 
<p>Time to print measure information, including temperature, rotation speed, spindle, torque, viscosity.</p>	<p>Super low viscosity adapter (0#spindle). Measure range: 1cp-20cp. Small sample size: 30ml. Material: 314 or 316</p>	<p>RTD Temperature prob. Temperature display range: 0°C-100°C</p>
<p style="text-align: center;">Small Sample Adapter</p> 	<p style="text-align: center;">Thermosel</p> 	<p style="text-align: center;">Circulating Water Bath (Model: DC-0506)</p> 
<p>Small sample adapter. Sample volume only from 5ml to 20ml. SC21, SC27, SC28, SC29, four spindles is configured. Material: 304 or 316</p>	<p>Thermosel for elevated temperature testing. The temperature can be used from environment temperature +10 °C to 250 °C. SC21, SC27, SC28, SC29, four spindles is configured.</p>	<p>Specifications: Temperature range: -5°C~+95°C Temperature stability: ±0.1°C Heater wattage: 300W Flowrate: 4L/min Compressor size: 100W Interior size(mm): 250W x 200D x 150H Bath opening(mm): 180W x 140D Applicable ambient: 5°C~35°C Power: AC220V±10%, 50Hz</p>

PRO Series Gather Software



PRO Series viscometer can select PRO gather software to gather data, save data, compare many history curves and download custom program to viscometer, analysis curve to compute Yield stress, plastic viscosity etc. Powerful scripting language provides for simple to complex data collection programs. Provides looping functions for repetitive tests. Automatic calculation of yield stress (bingham plastic, casson, power law, consistency index)

AVIS-S1/S2/S3/AI Gather Software



Viscometer can select Gather software to automate collect data, save data, compare many history curve. Data can be saved as a file or exported to excel format.

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

▶▶ **Reach us @**



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