TOUCH SCREEN DIGITAL AUTOMATIC VISCOMETER AL-22A

Code: AL-22A GST: 18% Brand: AVAIN LABS







AVAIN LABS® TOUCH SCREEN DIGITAL AUTOMATIC VISCOMETER AL-22A

The AVAIN LABS® Touch Screen Digital Automatic Viscometer (AL-22A) delivers precise, automated fluid viscosity measurements for industrial laboratories, quality control, and scientific research applications. Designed with an intuitive LCD touch screen interface and powered by an accurate stepping motor system, the AL-22A offers reliable, repeatable results across a broad viscosity spectrum from 20 to 2,000,000 mPa.s. Equipped with RTD real-time temperature monitoring and linear calibration capability, this automatic...

Technical Specifications

Key Features & Highlights

- Advanced Stepping Motor Drive: Guarantees precise, noise-free, and highly reliable continuous operation.
- Interactive LCD Touch Screen: Clear, instant readout of all key measurement parameters and fluid performance dynamics.
- Auto Range Display: Automatically calculates and shows maximum viscosity ranges for selected spindle/RPM combinations.
- Integrated RTD Temperature Probe: Continuously monitors sample thermal conditions during testing for heightened accuracy.
- Smart Safety Alarm: Sounds an automatic alert if measurement falls below 20% torque threshold to prevent accurate-reading errors.
- Linear Calibration & Timing: Built-in timer function and multi-point calibration options maintain strict standard compliance.
- Seamless Connectivity: RS 232 interface allows effortless data logging and connection to PC or external printing devices.

Included Standard Accessories

- 1 x Ascending and falling rack set
- 1 x Protective frame of rotor
- 4 x Rotors (#1, #2, #3, #4 each)
- 1 x Power adapter
- 1 x Spanner
- 1 x Screwdriver
- 1 x Socket set

Specifications	
Feature / Parameter	Technical Specification
Model	AL-22A
Measuring Range	20 – 2,000,000 mPa.s
RPM (Rotational Speed)	0.3, 0.6, 1.5, 3, 6, 12, 30, 60
Standard Spindles	#1, #2, #3, #4 standard configuration
Measurement Accuracy	±1.0% of range
Repeatability	±0.5%
Display	LCD Touch Screen
Temperature RTD Sensor Probe	Integrated / Included
Data Output	RS 232 Interface
Power Supply	AC 220V / 50Hz (Wide range power supply: 100V–240V)
Dimensions (L x W x H)	400 x 350 x 360 mm
Net Weight	9 Kg

Available models (2)		
Cat. No.	**Model / Size**	**HSN**
AL-22A	Touch Screen Digital Automatic Viscometer	
AL-22C	270500-- Touch Screen Digital Automatic Viscometer	

Scan for details & enquiry