



**Digital Viscometer
with Small Sample Adaptor
LMDV111, LMDV222**



E - Catalogue

Digital Viscometer with Small Sample Adaptor

LMDV111, LMDV222

Digital Direct Reading Rotational Viscometer

Labman LMDV series is Rotational Digital Direct Reading Viscometer to measure absolute viscosity of Newton Liquids as well apparent viscosity of non – Newton liquid featured by high flexibility reliable Test result, easy operation and good appearance

Small Sample Adaptor

The Small Sample Adaptor, consisting of a coupling nut, an extension link, a spindle set (spindle#21,#27,#28 and #29), a sample chamber and an adjustable base

SALIENT FEATURES

Viscometer

- ✦ Auto Range function
- ✦ Selectable Stepless Speed (nonpolar shift)
- ✦ Direct Viscosity reading and temperature display
- ✦ Big Ultra Bright Backlight LCD Display
- ✦ Small Sample Adaptor as a Standard Accessory
- ✦ LMDV222 - Shear rate, shear force display

Small Sample Adaptor

- ✦ Small Sample Adaptor for small sample volume.
- ✦ Small Sample Adaptor widely used for Digital Viscometer
- ✦ 15ml approx. sample is needed for test in Small Sample Adaptor.
- ✦ Sample temperature can be controlled by using Refrigerated Circulating Bath (Optional)
- ✦ The Sample Chamber fit into a water jacket.

Digital Viscometer with Small Sample Adaptor

HSN Code : 90278910

SPECIFICATIONS

MODEL	LMDV111	LMDV222
Make	LABMAN	
Measuring Range mpa.s	12-60,00,000	6-6,000,000
Speed	0.1 to 99.9	0.1 to 200
No of Speed	1000	2000
Speed Type	Selectable Stepless Speed (nonpolar shift)	
No of Standard Spindle	8 Spindle L1, L2, L3, L4, 21, 27, 28, 29	
Small Sample Adaptor	Yes	
Minimum Sample	10ml ~ 20ml	
Display	LCD	
Shear Rate, Shear Force Display	No	Yes
Temperature Monitoring	Yes	
Measurement Accuracy	±1% (FS)	
Repeatability	±0.5 % (FS)	
Output	RS232C Interface	
Power Supply	Adaptor, Using AC 220V,50/60Hz	
Packing Dimension (LxWxH)	420 x 375 x 550mm	425 x 375 x 550mm
Gross Weight	15kg	

★ Specifications are subject to change without notice.

Spindle Range Table

Spindle Model	21	27	28	29
LMDV111	10~50K	50~250K	100~500K	200~1M
LMDV222	5~50K	25~250K	50~500K	100~1M

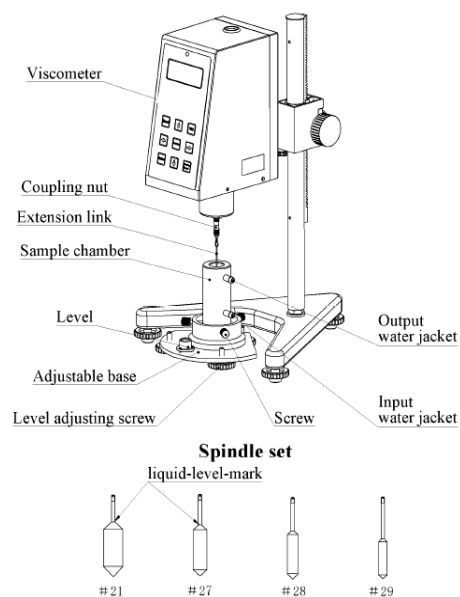
K=1000 M=1000000

STANDARD ACCESSORIES

Main Instrument	Adjustable Base
Spindle Set - L1, L2, L3, L4	Sample Chamber
Small Sample Adaptor 21, 27, 28, 29	Extension & Coupling Nut
Protection Cap	Spindle Set
DC Adaptor	Instruction Manual
RTD Probe	Test Certificate
Spindle Guard	

Optional Accessories :

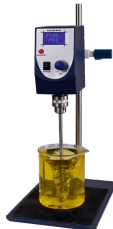
Low Viscosity Adaptor
Refrigerated Circulating Bath
Software



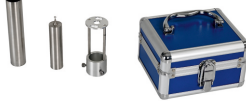
LABMAN Product Range 2025-26

LMFD61, 62, 63, 64 Lyophilizer Freeze Dryer (-60°C)	LMFD83, 84 Lyophilizer Freeze Dryer (-80°C)	LMRE25 Rotary Evaporator	ADM3 Automatic Density Meter	MSOD6 Microvolume Spectrophotometer
NAE32 Nucleic Acid Extractor	EMR4 Elisa Microplate Reader	GPTC96 Gradient PCR Thermal Cycler	HO30 Hybridization Oven	UVCL254 UV - Crosslinker
TGH12, 24 Tissue Grinder Homogenizer	PBH80T Paddle Blender Homogenizer	TOC2NDir Total Organic Carbon Analyzer	TOC1CD Total Organic Carbon Analyzer	LMDS600, 1200 Microwave Digestion System
HPLC1IS, HPLC2GS High Performance Liquid Chromatography	APT1800 Automatic Potential Titrator	KFT250VC Karl Fischer Titrator	COD1500 COD Analyzer with Digestor	BOD4000 BOD Analyzer
MTVM50 Multi Tube Vortex Mixer	LMVM60D Vortex Mixer	OS20 Orbital Shaker	TRM6 Tube Roller Mixer	DBNE12, 24 Dry Bath Nitrogen Evaporator

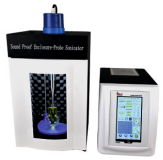
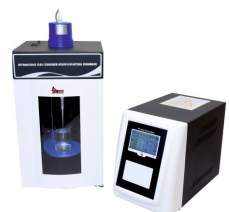
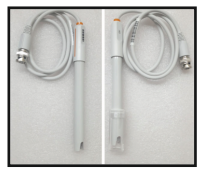
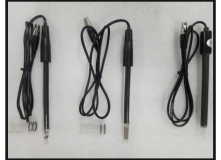
LABMAN Product Range 2025-26

DBI11T  Dry Bath Incubator	DBI15SH, DBI16SC  Dry Bath Incubator	IRS14, 35  Infrared Sterilizer	GGA200  Air Generator	GGA301, 302  Hydrogen Generator
GGN303  Nitrogen Generator	GHA304  Hydrogen Air Generator(2 in 1)	LMVP10  Vacuum Pump	LMVP20  Vacuum Pump	LMCO1  Column Oven
LMIO6  Mini Thermostatic Incubator	GHP400  Graphite Hotplate	LOBMS5  Oil Bath Magnetic Stirrer	LMMS4LC, 20LC  Ceramic Hotplate Magnetic Stirrer	LMMS300  Hotplate Magnetic Stirrer
MMS15S  Multiposition Magnetic Stirrer	MMS12H  Multiposition Magnetic Stirrer	WBMS3  Water Bath Magnetic Stirrer	LMWB2H, 4H, 6H, 8H  Digital Water Bath	HOS20L  Overhead Stirrer
LMHH160  Hand Held Homogenizer	PS1565  Peltier / Sipper System	LUV6HG  PMT Spectrophotometer	LUV2000T, 2100T  Single / Double Beam UV-Vis. Spectrophotometer with 21CFR	LMSPUV SERIES  Double Beam UV-Vis. Spectrophotometer

LABMAN Product Range 2025-26

LMSPUV1200  UV-Vis. Single Beam Spectrophotometer	LMSPV320, 325  Visible Spectrophotometer	ADP100CFR, 95CFR  Automatic Digital Polarimeter with CFR	ADP45, 50  Automatic Digital Polarimeter (±45°)	ADP75, 90  Automatic Digital Polarimeter (±90°)
ADP40  Automatic Digital Polarimeter	LMPM180  Manual Polarimeter	MAR100  Manual ABBE Refractometer	RFM100CFR  Digital Refractometer CFR	RFM950, 970  Digital Refractometer
LMAR1317T  ABBE Refractometer	LMDV300H  Digital Viscometer with Thermosel	LMDV60, 100, 200  Digital Viscometer (L Series)	LMDV400R  Digital Viscometer (R Series)	LMKV2  Krebs Viscometer
LMDV111, 222  Digital Viscometer with SSA	LVA30  Low Viscosity Adaptor	LMCR80F  Visual Colorimeter	LMUC2D  Ultrasonic Cleaner	LMUC3D, 6D, 9D, 12D, 25D  Ultrasonic Cleaner - Degas
LMUC50, 100  Industrial Ultrasonic Cleaner	LMPH15  pH Meter with Printer	LMPH12, LMPH10H  pH Meter	LMPH9  pH Meter - Basic	LMCM20H  Conductivity / TDS Meter

LABMAN Product Range 2025-26

LMCM20H  Conductivity / TDS Meter	LMMP30, 32  Multiparameter (7 in 1 / 9 in 1)	LMION40  Ion Meter	LMDO50  Dissolved Oxygen Meter	LMHD60  Water Hardness Meter
OPH11  Online pH Controller	OCM21  Online Conductivity Controller	LMTB200  Turbidity Meter	RCB1010T, 1020T, 1030T  Refrigerated Circulating Bath	RCB620T  Refrigerated Circulating Bath
RWC320  Recirculating Water Chiller	LMDO4P  Portable DO Meter	LMPH1P  Portable pH / ORP Meter	LMCM2P  Portable Conductivity / TDS Meter	LMTB5P  Portable Turbidity Meter
PRO656, 900, 1200, 1800  Probe Sonicator	PRO660R  Probe Sonicator with Remote	PRO650  Probe Sonicator	LMIF30T, 50T, 100T  Ice Flaker	LMIF200T  Ice Flaker
LMIM15  Ice Maker	LMIM20C  Ice Maker with Crusher	ISE19, 62  Nitrate / Fluoride ISEs	ER SERIES  pH Electrode / DO Electrode	CC1, CC2, CC3  Conductivity Cell