



Karl Fischer Titrator KFT250VC

SALIENT FEATURES

- ✦ LCD Display
- ✦ Titration methods, curves and results are displayed in details
- ✦ Volumetric KF Titration & Coulometric KF Titration are supported
- ✦ Data analysis feature helps user review and compare results
- ✦ RS232C Interface, Reset & Factory Reset Options
- ✦ Store up to 200 titration data sets (GLP Compliance)
- ✦ Selectable units including mg, mg/L, %, ppm, etc.
- ✦ Generator cell with diaphragm Selectable parameters
- ✦ Automatic/manual background drift correction
- ✦ Features of auto-filling, auto-purging and auto-mixing of the reagents ensure safe handling of Karl Fischer chemicals.



Karl Fischer Titrator
KFT250VC

Volumetric Karl Fischer Titration

- ✦ Support KF Titration Mode and Titer Detection Mode.
- ✦ Automatic/manual background drift correction ensures accurate results.
- ✦ Selectable units including mg, mg/L, %, ppm, etc.
- ✦ Settable parameters, including measurement unit, polarization current, stirring rate, titration rate, stop volume, endpoint potential, stop criterion and etc.
- ✦ Store up to 200 titration data sets (GLP-compliance)

Coulometric Karl Fischer Titration

- ✦ Generator cell with diaphragm.
- ✦ Automatic/manual background drift correction ensures accurate results.
- ✦ Selectable units include μg , mg, %, ppm, mg/L, $\mu\text{g/mL}$, etc.
- ✦ Settable parameters, including measurement unit, polarization current, stirring rate, generator current, endpoint potential, stop criterion and etc.
- ✦ Store up to 200 titration data sets (GLP-compliance).

Standard Accessories: Main Instrument, Bottle Holder, Volumetric Titration cell, Coulometric Titration Cell, Push Rod, Burette Device(10ml), Stirrer Bar, Solution cup holder for Volumetric Titration, Solution cup holder for Coulometric Titration, Filling Tube, Silicone Tube, Micro Injector, Power Cable, Bottles, Coulometric Electrolytic cup, Instruction Manual, Test certificate.



E - Catalogue

Karl Fischer Titrator

HSN Code : 90278990

MODEL		KFT250VC
Make		LABMAN
Mode		Volumetric Titration & Coulometric Titration
Volumetric Titration	Volumetric Titration Range	0.1mg ~ 250mg
	Volumetric Titration Polarization Current Accuracy	1 μ A $\pm$ 0.2 μ A, 50 μ A $\pm$ 10 μ A
	Volumetric Titration Repeatability	$\pm$ 0.5%
Coulometric Titration	Coulometric Titration Range	10 μ g ~ 20mA
	Coulometric Titration Polarization Current Accuracy	50 μ A 1 μ A $\pm$ 0.2 μ A, $\pm$ 10 μ A
	Coulometric Titration Electrolytic Current	10mA, 20mA, 50mA, 100mA
	Coulometric Telectrolytic Current Accuracy	$\pm$ (5%+3) μ g
	Repeatability	$\leq$ 3%
General Specifications	Display	LCD Display
	Memory	200 sets
	Unit	mg, mg/L, %, ppm
	Reset Function	Yes
	RS232C Interface	Yes
	Power supply	AC220V / 50Hz
	Packing Dimension (LxWxH)	535 $\times$ 500 $\times$ 480mm
Gross weight		13kg

★ Specifications are subject to change without notice.



Coulometric electrolytic cup, Suitable for micro moisture samples



Sample titrate unit, Suitable for constant moisture samples

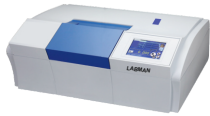
LABMAN Product Range 2025-26

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

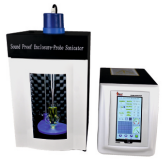
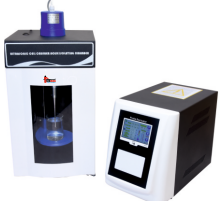
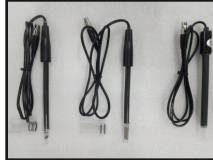
LABMAN Product Range 2025-26

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 ($\pm 45^\circ$)	ADP75, 90  Automatic Digital Polarimeter ($\pm 90^\circ$)
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

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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