



**Karl Fischer Titrator - Basic
KFT2T**


KFT2T

Karl Fischer Titrator - Basic



E - Catalogue

Coulometric Karl Fischer Titrator is a precision instrument for accurate trace moisture determination using electrochemical Karl Fischer titration

SALIENT FEATURES

- ✦ Touch Screen Display
- ✦ High sensitivity for trace moisture analysis (down to 0.01 $\mu\text{g H}_2\text{O}$)
- ✦ Fast testing: automatic stirring and determination completed in ~60 seconds
- ✦ Sealed titration cell prevents reagent exposure and minimizes environmental humidity effects
- ✦ Data storage up to 20,000 results with automatic calculation
- ✦ Built-in thermal printer for result reporting
- ✦ Multiple calculation formulas with auto-switching units (μg , mg/L, ppm, %)
- ✦ Programmable stirring speed via touchscreen input
- ✦ Real-time clock (date & time) retained during power failure
- ✦ Stirrer Option include
- ✦ KF Reagents not standard supply with the instrument, user have to buy separately as per their application and requirements

Karl Fischer Titrator - Touch Screen

HSN Code : 90278990

SPECIFICATIONS

MODEL	KFT2T
Make	LABMAN
Method	Coulometric
Measuring range	0.0001% (1ppm) to 100%
Sensitivity threshold	0.01 μ gH ₂ O
Accuracy	$\pm 2\mu$ g for 5 μ g-1mg, and 0.2% for over 1mg (excluding injection error)
Test result	Print (In built Printer)
Display	Touch Screen
Display Size	7"
Unit	μ g, mg/L, ppm, %
Date & Time	Yes
Ambient Temperature	15°C-25°C
Data Storage	20,000 results
Humidity	< 65%
Power	60W
Power supply	AC220V / 50-60Hz
Machine Dimension	280 × 370 × 210mm
Packing Dimension (LxWxH)	430 × 470 × 330mm
Net / Gross Weight	6kg /10 kg
Packing Type	Wooden Packing

★ Specifications are subject to change without notice.



STANDARD ACCESSORIES : Main Instrument, Syringe - 3 nos Electrode - 2 nos, Photochemical Reactor Vessel, Printer Roll
 Refillable Glass Beads with Moisture Sieve - 2nos, Power Cord, Instruction Manual, Test Certificate.



LABMAN Product Range 2026

Bench-Top Freeze Dryer	Microvolume Spectrophotometer	High Speed Automatic Polarimeter	PMT Spectrophotometer
Floor Freeze Dryer	Rotary Evaporator	Manual Lab Polarimeter	Low Viscosity Adaptor
Food Freeze Dryer	Vacuum Solvent Recovery System	Manual ABBE Refractometer	Viscometer with Thermosel System
Pilot Freeze Dryer	Diaphragm Vacuum Pump	Automatic Digital Refractometer	Digital Rotational Viscometer
Mini Freeze Dryer	Double Stage Rotary Vane Vacuum Pump	Portable Refractometer	Krebs Viscometer
Atomic Absorption Spectrophotometer	Circulating Water Vacuum Pump	ABBE Refractometer	Visual Colorimeter
Graphite Furnace	Paddle Blender Homogenizer	Probe Sonicator	pH Meters with Printer / Touch Screen
Auto sampler for Graphite Furnace	Hand Held Homogenizer	Hotplate Magnetic Stirrer	Benchtop pH/mV/°C/ Ion Meter
Auto sampler for GC	Tissue Grinder Homogenizer	Graphite Hotplate	Conductivity Meter - Touch Screen
Gas Chromatography	HPLC	Oil Bath Magnetic Stirrer	Dissolved Oxygen Meter
Laboratory Water Purification System	Hybridization Oven	Overhead Stirrer	Water Hardness Meter
Laboratory Glassware Dryer	UV Crosslinker	Ceramic Hotplate Magnetic Stirrer	Ion Selective Electrodes
Electromagnetic Sieve Shaker	Automatic Potential Titrator	Multiposition Magnetic Stirrer	Turbidity Meter
CO ₂ Incubator	Karl Fischer Titrator	Waterbath Magnetic Stirrer	Portable Turbidity Meter
Stackable / CO ₂ Incubator Shaker	Elisa Microplate Reader	Tube Roller Mixer	Portable pH Meter
Benchtop Orbital Shaking Incubator	Gradient PCR Thermal Cycler	Ultrasonic Cleaner	Portable Conductivity Meter
Orbital Shaker	Multi Tube Vortex Mixer	Industrial Ultrasonic Cleaner	Portable Dissolved Oxygen Meter
Microplate Shaker	Vortex Mixer	Digital Water Bath	Online pH Controller
Automatic Fraction Collector	Dry Bath Nitrogen Evaporator	Refrigerated Circulating Bath	Online Conductivity Controller
Blue Light Transilluminator	Dry Bath Incubator	Recirculating Water Chiller	pH Electrode, ORP Electrode
Dispensing Peristaltic Pump	Infrared Sterilizer	Automatic Elisa Plate Washer	Air Generator
Automatic Density Meter with CFR	Glass Bead Sterilizer	Ice Flaker, Ice Maker & Crusher	Hydrogen Generator
Portable Melting Point Apparatus	Total Organic Carbon Analyzer (TOC)	Double Beam Spectrophotometer	Microwave Digestion System
Melting Point Apparatus with CFR	COD Analyzer with Digester	Single Beam Spectrophotometer	Nitrogen Generator
Nucleic Acid Extractor	BOD Analyzer	Visible Spectrophotometer	Hydrogen Air Generator (2 in 1)