

# KFT - 3076

## Karl Fischer Titrator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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## ►► Features

- Auto Titration Control
- Single Control & Titration Unit
- Auto Zero Burette
- Adjustable Timer
- Visual & Audible Alarm

Auto Karl Fischer Titrimeter is an automatic apparatus designed to carry out Karl Fischer Titrations for accurate determination of moisture content in various samples. The instrument controls the complete automatic K F Titration. On pressing the START button, the titration starts and the KF reagent is added automatically from the burette, through a solenoid valve into the titration vessel. As soon as the end point is reached, the titration is stopped automatically. It has fully solid state circuitry incorporating advanced IC technology. Unit contains the magnetic stirring mechanism and the solenoid valve assembly.

Karl Fischer method for determination of moisture content is used in pharmaceutical and drug manufacturing industries, food stuff, sugar, wood, paper & textile industries, petroleum refineries, chemical and fertilizer units etc.

## ►► Technical Data

MODEL	3076
DISPLAY	Array of 10 LEDs
TIMER	Adjustable Timer
BUZZER	Yes
SAMPLE SIZE	1-50 mg of water
K.E DISPENSING RESOLUTION	0.05 ml
MEASURING ELECTRODE	Dual Platinum K F Electrode
INDICATIONS	RUN } ADD } Display in Auto Mode END }
DETECTION	Current sensing by electronic control
TITRATION CELL	Air Tight 200ml.

STIRRER	Variable speed magnetic stirrer with On/Off control
K.E FLOW	Automatic Sensitive Control Valve for KF Reagent
BURETTE	Pressure filling auto zero burette with 0.05 ml resolution
POWER	230v +10%, 50Hz, AC
DIMENSIONS	L280 X B350 X H165 mm (Approx.)
WEIGHT	3Kg (Approx.)
ACCESSORIES	Burette (Clear Glass)10 ml *Reservoir Bottle 500ml * Rubber bellow for air pumping *Titration Cell *Dual Platinum K F Electrode *Magnetic Capsule * Rubber Tubing *Nozzle *Instruction Manual & Dust Cover

## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

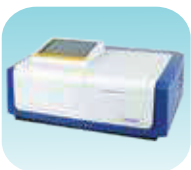
**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

## Our Products & Technologies



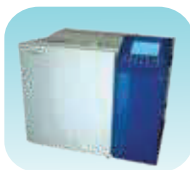
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Chromatograph  
3007



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Liquid Particle  
Counter



Optical Emission  
Spectrophotometer



DSC/TGA



Semi Auto Bio  
Chemistry Analyzer



HEMA 2062  
Hematology  
Analyzer



Micro Plate  
Reader/Washer



URINOVA 2800  
Urine Analyzer



Total Organic  
Carbon 3800



Fully Automated  
CLIA



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system

## 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](mailto: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.



**HPLC Solutions   MultipleLabs   Analytical Bio-Med   Analytical Distributors   Analytical Foundation (Trust)**

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