

IV:3021

ICU VENTILATOR



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

A powerful, ultra-quiet turbine offers constant ventilation and patient comfort
 Suitable for Adult, Paediatrics & Neonatal
 Intra-Hospital and Out of Hospital transport, emergency rooms, ICU and General wards
 Compact and light weight, easy mobility
 Servo controlled humidifier
 12 ventilation modes: VCMV, VACV, PCMV, PACV, V-SIMV, PPSV, BI-PAP, CPAP
 Integrated Nebulizer and ETCO₂ monitoring facility (additional)
 Adjustable O₂ Concentration from 21% to 100%
 Long lasting Battery time of 2 hours for smooth operations

SPECIFICATIONS

Weight	4.5kg
Dimensions	22cm x 25 cm x 35 cm
Noise	<30 dBA at 1m

ELECTRICAL CHARACTERISTICS

Power supply	230 V 12 Amp 750 V (max)
Internal battery	lithium ion, 25.2, 4.4 Ah
USB compatibility	USB flash memory USB 2.0

OPERATING ENVIRONMENT

Temperature	+5°C to 40°C (-40°F to 104°F)
Humidity	10% to 95% RH
Atmospheric Pressure	8.7psi to 16.0psi

MODES OF VENTILATION

VCMV, VACV, PCMV, PACV, V-SIMV, PPSV, BI-PAP, CPAP

PERFORMANCE PARAMETER SPECIFICATION

Volume	6 ml to 2000 ml
Pressure	0 to 60 cm H ₂ O
Insp.time	0.2 sec to 4 sec
Respiratory Rate	0- 150 LPM
PEEP	0 to 30 cm H ₂ O
I:E Ratio	1:5 to 5:1
Trigger Sensitivity	Flow and Pressure
Volume Accuracy	+10%
O ₂ Concentration	21% to 100%
Recruitment tools	Inspiration and expiration
Oxygen Input	1.5 Bar
Screen size	10.1"

ANALYTICAL TECHNOLOGIES LIMITED is a manufacture of ICU Ventilators ,Non Invasive ventilator.We offer an advanced ,compact and reliable ICU ventilation solution.Carefully crafted with the combination of cutting-edge research and advanced manufacturing technologies.The ventilation are turbined based designable highly efficient independent operation and wide range of ventilation modes. Machine is easy to use ,reliable and durable. The ventilator is most advanced technology offering features to meet the demands of critical care application . It maintains the much -needed patient ventilator synchrony and ensures superior patient comfort .The choice of invasive and non-invasive ventilation modes makes it a universal ventilator for use on paediatric to Neonatal patients.

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



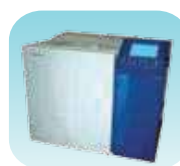
UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Partical
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

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.

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