

Ventilator-3650

ICU Ventilator



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Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Key Features

- Suitable for both adults and pediatric patients
- Medical Compressor-based design
- Ergonomically designed Articulated Arm for Patient circuit support
- Electronic pressure and flow regulation

9 Modes :- PC CMV

PC SIMV

VC CMV

VC SIMV

PSV

PRVC

ACV

CPAP

BPAP

- 15" Touch Display to adjust/set the parameters
- Battery Backup Up-to 4 Hours
- Alarm history > 100 alarms
- Display trends for 48 hours
- Conforming to IEC
- 20 Alarms



►► Detailed Specification

Characteristics	Microprocessor based ventilator with in-built compressor & 15' touch screen
Modes	PC CMV, PC SIMV, VC CMV, VC SIMV, PSV, PRVC, ACV, CPAP, BPAP
Peak Pressure	60 cm H ₂ O
Peak Respiratory Rate	60 Breaths per minute
Inspiratory Time	0.3 to 2.5s
Tidal Volume	50ml to 2000ml
PEEP	Up to 30cm H ₂ O
Peak Flow Rate	120L/min
Inspiratory Pause	Available

I:E Ratio	1:4 to 4:1
FiO2	21% to 100%
Volume Accuracy	Within 15 %
Graphical Trending	Pressure vs. Time, Flow vs. Time, Volume vs. Time, Storage of trending data for last 48 hours
Monitored Parameters	Pressure, Inspiratory Volume, Exhaled Volume, Flow, Plateau Pressure, Mean Pressure, PIP, PEEP, FiO2, Temperature, Humidity, I:E, Leakage %, RR, Spontaneous minute volume
Alarms	Power Disconnected, Low Battery, Patient Disconnected, High Inspiratory Pressure, High PEEP, High Respiratory Rate, Low Tidal Volume Stored Alarm History
Failsafe Feature	Automatic bypass in case of system failure
Power Requirement	230VAC, 50/60Hz, 100VA Typical, 500VA Peak
Battery Backup	Up-to 4 Hours
Regulatory Compliance	IEC 60601-1, IEC 60601-1-2

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.

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Chromatograph
3007



Optima Gas
Chromatograph
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Chromatograph



Atomic Absorption
Spectrophotometer



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



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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.

Reach us @



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