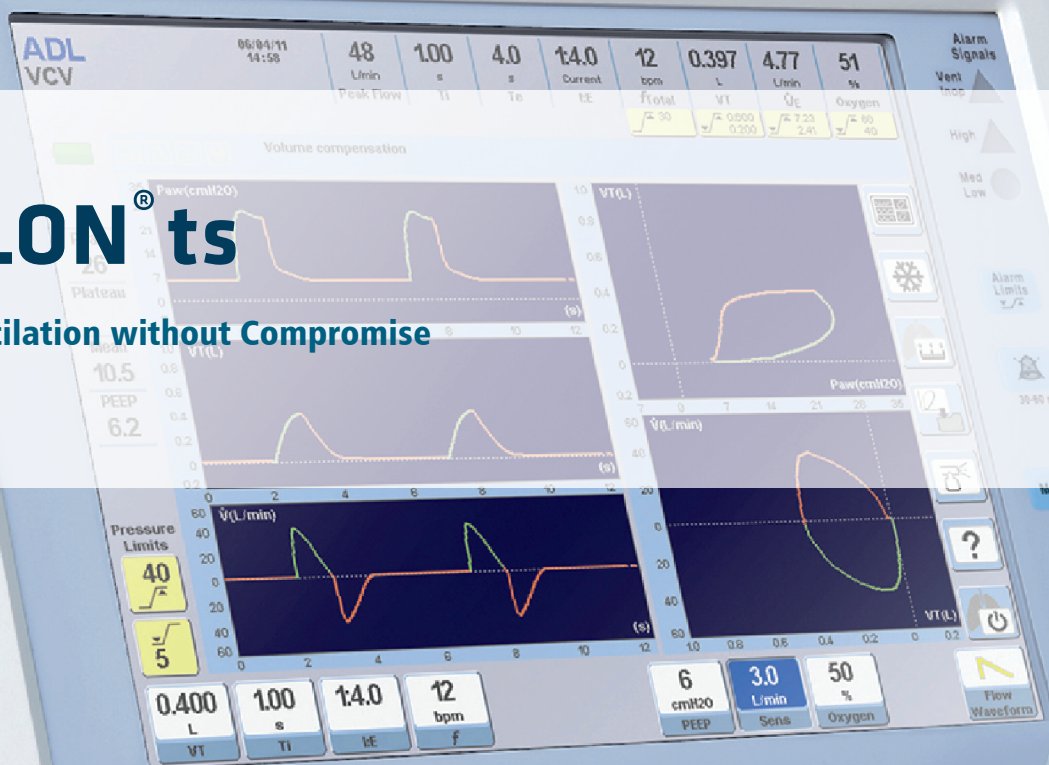


SCHILLER

AQUILON ts

AQUILON[®] ts

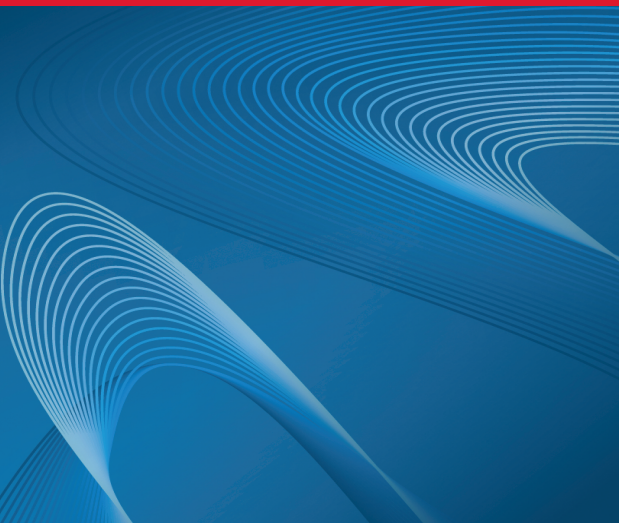
The Art of Ventilation without Compromise



AQUILON[®] ts

FEATURES

- Advanced Proportional Solenoid Valve (PSOL)- PSOL based technology ensures faster, safer and accurate gas delivery which also reduces work of breathing and helps in improving synchrony
- Active Exhalation Valve – Active exhalation valve system actively controls and maintains the target pressure. It allows unrestricted breathing during both inspiratory and expiratory phases of the breath cycle and vents excess pressure (due to Pressure overshoot, patient coughing). This promotes better patient - ventilator synchrony and potentially decreases the need for sedation



COMPREHENSIVE MONITORING

Monitoring of vital signs variables such as mandatory and spontaneous minute ventilation, spontaneous frequency, exhalation time constant and leaks. Built-in respiratory mechanics menu provides a vital tool for making correct information-based decision, increasing the efficacy of treatment and guaranteeing patient safety

COMPACT DESIGN

Aquilon ts provides a clear and complete display of vital sign variables on a built-in 12.1" TFT LED color touch screen. User-friendly and intuitive programming helps managing critical patients safely through:

- Touch screen
- Rapid-access keys
- High visibility alarm indicator

LOW COST MAINTENANCE

Designed with high end pneumatic base, Aquilon ts can be operated long time without maintenance. It's reliable and low cost spare parts make the serviceability very easy and affordable

RELIABLE FLOW SENSOR

Its rugged reusable flow sensor gives exceptional response and accurate monitoring even when used with Nebuliser

Simplified Graphic touch Interface

- User friendly Pop-up menu with rotary encoder
- Quick & Smart calculation of setting parameters (IBW)
- Comprehensive Alarm Monitoring
- Graphical & Tabular Trend for 72 hours

Robust and high performance Pneumatics

- Advance Proportional Solenoid Technology (PSOL)
- Active Exhalation Valve
- Multi-safety Mechanism

Manoeuvre smoothly and comfortably with easy-glide wheels and a handle positioned at just the right height



Comprehensive Ventilation modes

- Invasive & non-Invasive
- Advanced modes -MMV+ PSV, PSV + Assured Volume , APRV
- Bi-directional Apnea Back up Ventilation

Advance Weaning tools

- Lung Mechanics functions- Compliance and Resistance, Auto PEEP, Trapped Volume
- P0.1, NIF / MIP, Work Of Breathing (imposed), PV Flex
- RSBI, Expiratory time Constant, Complete Spontaneous Activity

Other functions

- Volume and FIO2 compensated Nebuliser
- Suction protocol
- Compliance and leakage compensation
- Battery Back for 2.5 hours



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The Art of Diagnostics

SCHILLER, founded in 1974 by Alfred E. Schiller is a successful group with 31 subsidiaries and a global sales network. Today, SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, defibrillation and patient monitoring as well as software solutions for the medical industry.

Over the past 25+ years, Schiller India has established itself as a leader in the medical technology sector. With 450+ employees, a state-of-the-art ISO 13485-certified production centre in Puducherry, and multiple R&D centres across the globe, Schiller India makes advanced healthcare equipment accessible through a network of 100 sales and service dealers across more than 45 locations. Our product range includes Critical Care, Anaesthesia, Emergency Care, Cardiology, Respiratory Diagnostics, Radiology, and Robotics.

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