

INTRODUCING THE SECHRIST MILLENNIUM™.

A New Beginning in Infant/Pediatric Ventilation.

From Sechrist Industries comes the Millennium™ - the infant/pediatric ventilator for the next century. Designed for maximum performance and user-friendly convenience, for which Sechrist has always been known. The Millennium™ combines state-of-the-art electronics with the simplicity of pressure sensing technology. The result: simple, reliable ventilation for all your neonatal, infant, and pediatric patients.



RELIABLE, VERSATILE, SIMPLE.

Just by looking at the Millennium™, you can tell how easy it is to use. Ventilation modes such as SIMV/IMV, Assist Control, and Backup ventilation in CPAP make the Millennium™ the optimal choice in basic, reliable neonatal, infant and pediatric ventilation.

SYNCHRONIZATION FOR EVEN THE SMALLEST CHILD.

What sets the Millennium™ apart is the patent pending SmartSync™, a unique pressure sensing device that synchronizes the patient's natural breathing cycle with the ventilator. It has a maximum sensitivity of 0.50 cmH₂O, and a response time of 5-40 milliseconds depending upon the sensitivity setting. With this technology from a company you've known and trusted for decades, you can be certain the Millennium™ will provide your patients with unparalleled performance.

The SmartSync™ weighs only 5 grams, and adds only 1.5cc of mechanical dead space. Convenient, single-patient use meets your infection control needs and assures accurate synchronous triggering every time.



*SmartSync™'s
patent pending technology*

FAST, SIMPLE MESSAGES AND ALARMS FOR QUICK, DECISIVE ACTION.

The Millennium™ provides a continuous display of peak pressure, PEEP, mean airway pressure, measured/set respiratory rate, and breath status in graphic and/or digital displays.

And when action is required, the LCD message window offers a brief description of the situation, enabling the clinician to take quick, decisive action. The alarm mute feature enables patients to remain undisturbed while corrections and adjustments are made.

ADD-ON MODULARITY FOR SPECIAL CLINICAL NEEDS.

The Millennium™ was designed for simplicity so you can add what you need as you need it. It's easy to add a humidifier or compressor with complete compatibility. Graphics monitoring is available if your clinicians require monitoring of patient respiratory mechanics – and is readily portable.



Intuitive controls are simple to set-up and operate, an especially valuable feature when the situation needs immediate attention.

Lightweight, compact design (21 lbs. 9.5/kg.) with built-in handle for added convenience.

Manual breath option is electronically controlled to deliver precise breaths according to the desired setting.

Data transmission link provides serial data output via fiber optic linkage.

Convenient Basket is optional.

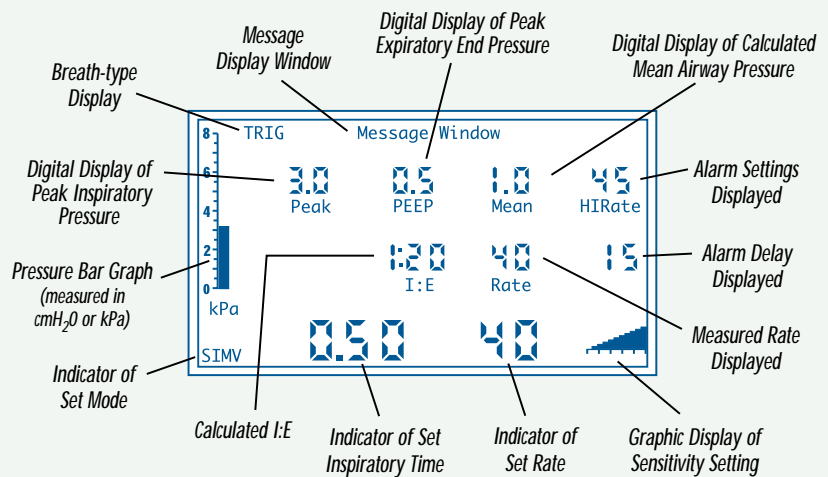
Versatile enough for use on a counter-top or rolling stand.



SPECIFICATIONS TO MEET YOUR NEEDS.

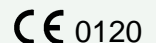
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|-------------------------------|---|
| Recommended Applications: | Neonatal, infant & pediatric patients < 50 Kg |
| Part Number: | 20409-XXX |
| Flow: | 2-32 lpm; flush 40 lpm |
| Modes of operation: | AC, SIMV/IMV, CPAP, CPAP with backup ventilation, Standby |
| Inspiratory Time: | 0.1 to 3.0 seconds |
| I:E Ratio: | 4:1 to 1:10 (settable) |
| Rate: | 2 to 150 breaths per minute |
| Expiratory Pressure: | 0 to 20 cmH ₂ O |
| Inspiratory Pressure: | 5 to 70 cmH ₂ O |
| Waveform: | Tapered to square |
| Manual Breath: | Electronically controlled, based upon the inspiratory pressure, inspiratory time and waveform control settings |
| Alarms: | High Inspiratory Pressure Low/Prolonged Inspiratory Pressure Low PEEP/Baseline Pressure Apnea High Respiratory Rate Loss/Low Electrical Power System Error/Vent Inop Loss of Inlet Gas |
| Alarm Delay: | 3 to 15 seconds |
| Alarm Mute: | 30 seconds |
| Safety Pressure Relief Valve: | 15 to 85 cmH ₂ O |
| Indicators: | Inspiratory Pressure PEEP/Baseline Pressure Calculated I:E Ratio Mean Airway Pressure Proximal Airway Pressure Bar Graph Measured Respiratory Rate |
| Dimensions: | 13.5" (34.29cm)H x 11" (27.94cm)W x 9.5" (24.13cm)D |
| Weight: | 21 lbs. (9.5Kg) |
| Gas Consumption: | 14 lpm above the continuous flow setting |
| Power Requirements: | 110 to 120 VAC, 50/60 Hz 220 to 240 VAC, 50/60 Hz 100 VAC, 50/60 Hz |

DISPLAY SCREEN FEATURES



Represented By:

MDD 93/42/EEC
EU Authorized Representative
AR-MED, Ltd. (Company 3154742)
Satines, Middlesex TW18 4RH
United Kingdom



THE CONFIDENCE YOU EXPECT FROM SECHRIST.

For over 20 years, Sechrist Industries, Inc. has been recognized as a worldwide pioneer and leader in the design, development and manufacturing of critical care infant/pediatric ventilators. Starting in 1978 with the introduction of the IV100B, the most widely used conventional ventilator—followed in 1994 by the IV100B SAVI™ & IV200 SAVI™ synchronized technology, the only electronic impedance-triggered system available today. Sechrist now sets the stage for the new Millennium™.



Because life demands the best.

Sechrist Industries, Inc.

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