



HAMILTON-H900

Intelligent humidification for all patient groups



Our passion. Intelligent Ventilation solutions

Ever since we were founded in 1983, our focus has been on supporting the frontline heroes of critical care with ventilation technologies that are safe, effective, and lung protective. And we want to lessen the load for those who make extraordinary efforts every day, helping seriously ill patients fight their way back to health.

That is why we are committed to helping medical teams deliver the best respiratory care to anyone, anywhere. That commitment is present in everything we do.

A handwritten signature in blue ink, appearing to read 'B. Hamilton'.

Bob Hamilton
CEO

Meet the HAMILTON-H900

The HAMILTON-H900 humidifier has been developed with ease of use and patient safety in mind, allowing you to focus on the important aspects of patient care.

An innovative two-step setup helps you get started quickly. All connections for the humidifier are contained in a single breathing circuit set, which enables one-handed operation.

Due to the ergonomic design, the user interface is easily visible and provides all the necessary information at a glance.

- ✓ Integrated temperature probe
- ✓ Wall-heated, all-in-one breathing circuits
- ✓ Adjustable temperature and humidity settings
- ✓ Remote access to humidifier controls and status*
- ✓ Predefined settings for invasive, noninvasive, and high flow therapy

* Not available in all markets





Automatic connection checks and water-level detection

In addition to checking tube connections and identifying the water chamber and circuit types, the HAMILTON-H900 automatically detects high and low water levels to generate an alarm when it is running low on water. Ensuring the patient is always ventilated with humidification protects the functionality of mucociliary clearance.

Reduced cost of ownership

Compared with the lifetime costs of a humidifier, the initial investment is relatively small. Cost-driving operational factors include expensive circuits, cables, and temperature probes and time and effort for cleaning and reprocessing. With the HAMILTON-H900, time-intensive reprocessing and expensive equipment replacements are a thing of the past.

Product overview

- 1 Wall-heated tubes
- 2 All-in-one connector
- 3 Integrated temperature probe
- 4 Visible water-level detection
- 5 Visual alarm indicator





Remote access to humidifier controls and status*

The ventilator connectivity option allows you to operate the humidifier using any compatible Hamilton Medical ventilator. All the controls, monitoring parameters, and alarms are available, and can be set as required from the ventilator. Full integration of humidifier monitoring into patient data management systems is also provided.

When used with a compatible ventilator, the humidifier can automatically select the humidification mode (invasive, noninvasive, or high flow) based on the selected ventilation mode.

* Not available in all markets

Various therapies for your patients

The HAMILTON-H900 humidifies and heats breathing gases for adult, pediatric, and neonatal patients, and is compatible with all commonly used respiratory therapies:

- ✓ Invasive ventilation
- ✓ Noninvasive ventilation
- ✓ High flow nasal cannula therapy*

The preassembled breathing circuit sets can be used for up to 28 days and include a temperature probe, water refill tube, Y-piece, and water chamber.

- ✓ Low compliance and flow resistance
- ✓ Integrated temperature probe and heater wires
- ✓ Detachable, unheated extension for use in incubators
- ✓ Availability of breathing circuit sets on:
www.hamilton-medical.com/e-catalog

* Also known as high flow oxygen therapy. This terminology can be used interchangeably with high flow nasal cannula therapy.





More information and free software simulation:
www.hamilton-medical.com/HAMILTON-H900



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