

# HAMILTON-H900

Intelligent humidification  
for all patient groups



## Product overview

- 1 Smooth-bore wall-heated tubes
- 2 All-in-one connector
- 3 Tube wall integrated temperature probe
- 4 Optical water-level detection
- 5 Visual alarm indicator

The HAMILTON-H900 humidifier has been developed with focus on ease of use and patient safety 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.

The HAMILTON-H900 can be used with all common mechanical ventilators and flow drivers.

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

## Less risk of cross contamination

By reducing the need to open the circuit to drain condensate, the HAMILTON-H900 minimizes the potential for the spread of pathogens associated with the development of ventilator-associated pneumonia (VAP).<sup>1,2</sup>

## Automatic connection checks and water-level detection

The HAMILTON-H900 automatically checks each tube connection, as well as identifying the water chamber and circuit types. In addition, the humidifier automatically detects high and low water levels, and generates 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

Over the lifetime of a humidifier, the initial investments are relatively small. Cost-driving factors include circuits, cables, temperature probes, and time and effort for cleaning and reprocessing. With the HAMILTON-H900, expensive replacements for lost or broken temperature probes and cables are a thing of the past.

## Various therapies for all patient groups

The HAMILTON-H900 is designed to provide humidification and heating of medical gases for adult, pediatric, and neonatal patients – with all commonly used respiratory therapies:

- ✓ Invasive ventilation
- ✓ Noninvasive ventilation
- ✓ High flow oxygen therapy
- ✓ nCPAP and Bubble CPAP

The preassembled breathing circuit sets can be used for up to 28 days and include a temperature probe, water refi II tube, Y-piece, and water chamber. Dual limb and single limb sets are available as single-use or autoclavable items.

- ✓ Low compliance and flow resistance
- ✓ Integrated temperature probe and heater wires
- ✓ Detachable, unheated extension for use in incubators
- ✓ Availability of breathing circuit sets on

