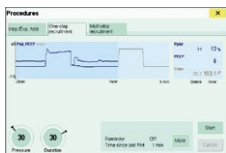


Software options for the Atlan® A350/300 family

The software options of the Atlan® A350/300 family offer more ventilation modes, additional displays, trends and data export functionalities. These options support you to optimise the ventilation quality and contribute to improve the efficiency in the OR.



D-19792-2018



D-8794-2022

One-Step recruitment



D-8796-2022

Multi-step recruitment

LUNG RECRUITMENT¹⁾

The lung recruitment option further improves the ventilation performance of Atlan® A350/300 by incorporating key ICU ventilation techniques that enhance the deployment of lung-protective strategies in the OR.

- Comprises one-step and multi-step recruitment method to tailor the manoeuvre according to patient type and individual lung status.
- Reminder function supports the periodical application of lung recruitment to minimise user interactions, less distraction and reduced workload.
- Inspiration Hold / Expiration Hold function can be used in situations where the lungs of the patient are not supposed to move, e.g., during use of imaging techniques.



D-6415-2022

OPTION AUTO-ON¹⁾

The Auto-On function provides a time-based, automatic start-up of the Atlan, followed by the automated execution of the system test*.

- Supports OR workflows with reduced start-up times, thus saving time for other tasks.
- Helps realising staff satisfaction, with less effort for preparing the anaesthesia workstation in the stressful morning hours.
- Integrated pre-use checklist with illustrated step-by-step instructions helps to comply with national guidelines, such as DGAI (Germany), ASA/APSF (USA), AAGBI (UK).
- Allows a quick automatic start-up of the machine e.g. on the weekend.

* The pre-use checklist has to be performed by the user prior to activating the Auto-On function.

Ventilation modes

PSV (CPAP)
 PC – SIMV / PS
 VC – SIMV / PS
 VC – SIMV / PS / AutoFlow²⁾

OPTION SPONTANEOUS BREATHING SUPPORT

The ventilator recognises and supports the spontaneous breathing efforts of the patient. The pressure support level and the trigger sensitivity can be adapted according to the patient's needs.

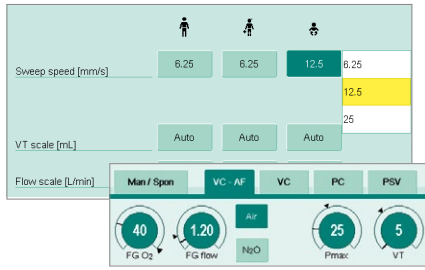
Ventilation modes

VC – CMV / AutoFlow
 VC – SIMV / AutoFlow²⁾
 VC – SIMV / PS / AutoFlow³⁾

OPTION AUTOFLOW

The AutoFlow (AF) mode combines the advantages of volume- and pressure controlled ventilation. AF applies a decelerating inspiratory flow for all mandatory volume-controlled breaths to deliver the set tidal volume with the lowest required pressure to avoid pressure peaks.

D-265324-2020 | D-265321-2020

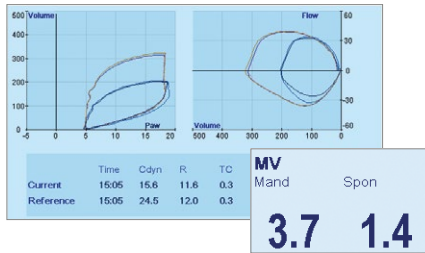


OPTION ADVANCED NEONATAL SUPPORT⁴⁾

Includes advanced ventilation and monitoring functions for the ventilation of neonates:

- VT can be set to a minimum of 5 ml in volume-controlled ventilation modes.
- Increased waveform speed

D-265324-2020 | D-265323-2020

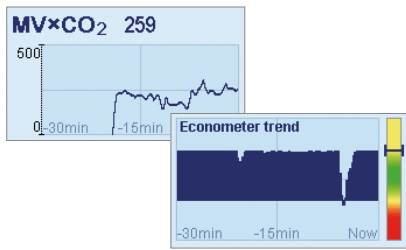


OPTION ADVANCED VENTILATION MONITORING

Includes the following functions:

- Display of combined minitrends of patient compliance and PEEP.
- Display of loops (pressure-volume and flow-volume).
- Volumeter (bar graphic for monitoring the expiratory tidal volumes).
- Display of spontaneous minute volume compared to the mandatory minute volume.

D-265325-2020 | D-265326-2020

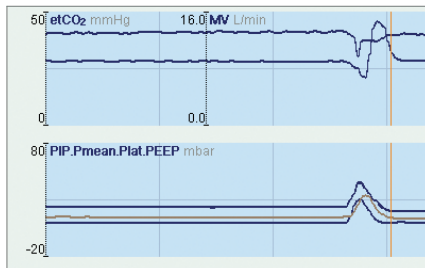


OPTION ADVANCED GAS MONITORING⁴⁾

Includes the following functions:

- Indicator and trend for efficiency of fresh-gas setting and anesthetic agent consumption, (economizer and low-flow wizard (no trend))
- Display of medical gas consumption.
- Display of anaesthetic agent consumption and uptake.
- Display of MV x CO₂ (trend).
- Display of O₂ uptake (trend).

D-265327-2020



OPTION ADVANCED TRENDS

Includes functions to support a detailed analysis of the measured patient parameters:

- Graphical trend display of measured parameters.
- Display of minitrends together with waveforms.
- Export of trend data to USB flash drive.

D-265328-2020



OPTION EXPERT VIEW⁴⁾

All information at a glance. This enables an advanced screen view with additional parameters:

- 4 waveforms or
- 3 waveforms plus up to 4 configurable parameter boxes

¹⁾ in combination with software 2.0 | ²⁾ in combination with option AutoFlow

³⁾ in combination with option Spontaneous Breathing Support | ⁴⁾ in combination with option Integrated Patient Gas Module

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