

Dräger Atlan® A350/A300 Anaesthesia Workstation SW 2.0 and Options

The Atlan® A350/A300 is empowered with new software and optional functions which integrate enhancements in cyber security, self-test, and ventilation techniques in the OR. Combined with Dräger Infinity® Acute Care System (IACS) patient monitoring, the Atlan® A350/A300 can considerably contribute to patient outcome and workflow enhancement.



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EMPOWERED TO IMPROVE PATIENT OUTCOME AND WORKFLOW

OPTION LUNG RECRUITMENT*

Atlan® A350/A300's outstanding ventilation performance has been even further improved with key ICU ventilation techniques to incorporate lung-protective strategies in the OR. The innovative lung recruitment function comprises two commonly used methods to open collapsed alveoli. Together with comprehensive patient monitoring capabilities, these functions can support the anaesthetist to perform a safe, effective, and assessable manoeuvre that can be easily used and adapted to the individual patient's needs.

Safe – Open the lung safely and gently because it matters

The new recruitment function offers one-step and multi-step methods to perform the manoeuvres. It gives the opportunity to tailor the manoeuvre according to the patient's individual needs and lung status to enable a safe and gentle recruitment.

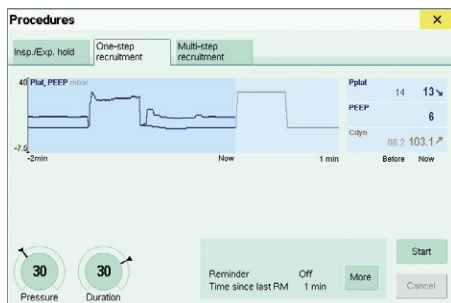
* requires software version 2.0 or higher

Intuitive – Less complexity, more intuitive functionality

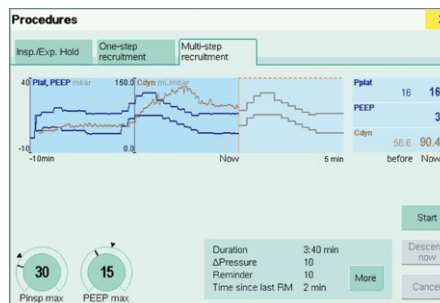
The automation of these manoeuvres ensures a smooth recruitment manoeuvre (RM) and resumes ventilation therapy afterwards. A reminder function supports the periodical application of RMs. Those functionalities lead to minimised user actions, less distraction, and reduced workload.

Assessable – Empowered with data to improve outcome

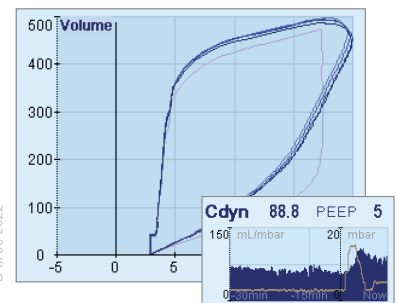
Relevant lung mechanics data (compliance trends and P/V loops) and IACS patient monitoring parameters help to assess when and to whom to apply these manoeuvres, and to evaluate the outcome. This results in more transparency and confidence to deploy recruitment manoeuvres.



One-Step recruitment



Multi-step recruitment



Loops and Compliance/PEEP Trend

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D-8795-2022

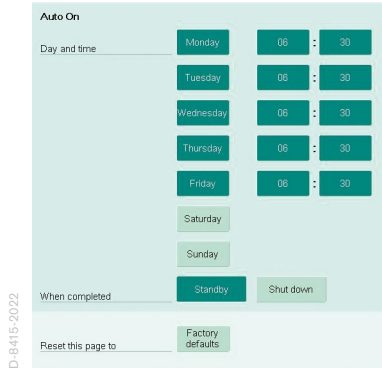
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Atlan A350 XL

FURTHER SOFTWARE ENHANCEMENTS WITH SOFTWARE 2.0



D-8415-2022

Option Auto-On*

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 realizing 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/PSF (USA), AAGBI (UK)
- Allows a quick automatic start-up of the machine e.g. on the weekend

* requires software version 2.0 or higher

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



DMC-100221

Cyber Security

The Atlan® A350/A300 anaesthesia machine was designed with security in mind to combat dangerous and damaging cyber-attacks. Atlan® A350/A300 was developed as to our secure development lifecycle encompassing:

- Threat analysis to identify vulnerabilities during the development phase
- Automatic code analysis along software development
- Independent 3rd party penetration testing to discover residual vulnerabilities
- Execution only of signed (trusted) codes on the device
- Release of patches if relevant vulnerability was detected
- Continuous vulnerability monitoring along the lifecycle of the product

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