

PRESS RELEASE

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The new Atlan: Simply ingenious starts here

Anesthesia workstation family for more patient safety and hygiene in the OR

- Comprehensive safety functions provide support even in critical situations
- High flexibility with tailored workstations
- Efficient hygiene support

While time is of the essence in the operating room (OR), care must be provided to patients in the best possible and safest way. Medical technologies can play an important role in protecting the patient and supporting the treatment outcome in these situations. This is where the new [Atlan](#) anesthesia workstation family comes in, which Dräger has launched in Canada.

Thanks to its robust electronic piston ventilator, the Atlan allows for safe and precise intraoperative ventilation of surgical patients, even for neonates. For instance, the device is equipped with a system of extensive safety functions, which helps avoid unintentionally high tidal volumes or inspiratory pressures.

Beyond this, Atlan also features safety backup functions to increase operational reliability. If, for example, the device is suspected of a technical malfunction or in the case of a power outage, the anesthesiologist can control the ventilation manually in backup-manual-mode at the flip of a switch. In the event of a gas supply failure, mechanical ventilation can be continued with ambient air until proper function is restored. Another safety mechanism checks if ventilation hoses have been properly attached and monitors the replacement intervals of individual components that need to be replaced, either due to wear or at regular intervals.

Ready for the challenges of everyday surgical work

“Atlan is the all-rounder of anesthetic workstations for all patient groups, procedures and spatial requirements,” explains Lars Kirsten, Product Manager at Dräger. The workstation is available in two trolley variants and with a variety of configuration options. “The setup can be customized to suit customer needs and expanded if further investments in additional device options are planned. This gives the possibility of having the same anesthetic workstation with a uniform user

CONTACT

Communications: Melanie Kamann, Tel. +49 451 882-3202, melanie.kamann@draeger.com
Press Contact North America: Marion Varec, Tel. +1 215 660-2186, marion.varec@draeger.com
Investor Relations: Thomas Fischler, Tel. +49 451 882-2685, thomas.fischler@draeger.com

Draeger, Inc.
3135 Quarry Road
Telford, PA 18969
www.draeger.com



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interface in every OR. This supports error prevention in the OR, reduces the need to continuously re-train staff, and helps with device pool management efforts,” adds Kirsten.

Medical technologies as part of the hygiene chain

Not only the surfaces but also the interiors of medical devices, such as the ventilation system, can increase the transmission of germs in the event of irregular hygienic measures.¹ The Atlan family of devices helps the OR team efficiently perform hygiene routines.

Consisting of only a few parts, the Atlan ventilation unit, for example, can be disassembled quickly and without the aid of tools. The surfaces of the device are smooth and rounded and thus can be easily cleaned and disinfected. Specific cleaning instructions based on effectiveness and material compatibility tests with Dräger medical devices also help to optimize hygiene processes. Cable ducts and sophisticated hose management also ensure that accessory components for the Atlan do not hang down loosely or get in the way.

Experience in anesthesia since 1902

Both practical experience from thousands of ORs worldwide and worthwhile ideas for a forward-thinking anesthetic workstation have been incorporated into Atlan’s development. Since the first “Roth-Dräger anesthetic machine” in 1902, the new Atlan family has continued Dräger’s series of reliable and innovative anesthesia machines.

The Atlan product family is manufactured by Drägerwerk AG & Co. KGaA

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¹ Altınışık U. et al.: Evaluation of the Approaches of the Anaesthesiologists on Maintenance of Anaesthesia Machines, Turk J Anaesthesiol Reanim 2016; 44: 134-41, p.134,138

CONTACT

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Note: Not all the products named in this press release are available worldwide. Equipment packages can vary from country to country. We reserve the right to make changes to products. Up-to-date information is available on the Dräger website of your country or from your Dräger representative.

Image material:



Photo 1:

The new Atlan -- an efficient and reliable assistant for routine anesthesia

We make life easier for biomed and clinical staff - The Atlan family was designed around simplifying working procedures for both functions to help them master every challenge. Built upon one brand new system architecture, Atlan is an innovative and flexible system that offers maximum efficiency both in terms of performance and cost.

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Photo 2:

Safety to back you up while driving clinical outcomes - The new Atlan family combines robust, everyday reliability with state-of-the-art ventilation technology for increased patient safety and user ease. Anesthesiologists can look forward to a wide range of innovative features focusing on patient care and intuitive functionality.

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