

BeaconMedaes Announces MDR Certification For MAT-S Automatic Manifold Changeover System

February 26, 2025 – BeaconMedaes is proud to announce that its MAT-S Automatic Manifold Changeover System has received certification under the European Medical Device Regulation (EU MDR). This achievement underscores BeaconMedaes' commitment to delivering safe, high-quality, and innovative medical gas solutions that meet the latest regulatory standards.

The EU MDR was introduced to enhance patient safety, improve device traceability, and ensure rigorous oversight of medical devices throughout their lifecycle. By complying with this regulation, the MAT-S provides hospitals and healthcare facilities with a reliable and fully certified manifold for medical gas supply systems, giving healthcare professionals and patients confidence in its safety, quality and performance.

Meeting the Highest Standards Achieving MDR certification required compliance with 13 international standards (ISO & IEC), covering critical aspects such as risk management, traceability, and governance. Among these, the MAT-S adheres to EN ISO 10524-2:2019, which specifies design, materials, and construction requirements for pressure regulators used with medical gas on manifold and line pressure regulators. This ensures superior reliability and safety in medical gas supply management.

The MAT-S remains the benchmark in **Performance & Efficiency**, it continues to set the standard in manifold technology with its proven dome-bias regulator design, reducing connections to minimize leak risks while ensuring superior reliability. A lightweight, corrosion-resistant cover extends its lifespan, and low change-over pressures (10.4 bar for 4.0 bar manifolds, 20.0 bar for 8.0 and 11.0 bar versions) optimize gas utilization, increasing uptime and reducing costs. Its serviceable regulators lower maintenance expenses, and individual service valves enable uninterrupted gas supply during servicing.

Unmatched Monitoring & Compliance The MAT-S remains at the forefront of intelligent gas management with its 7" touch screen controller, offering real-time monitoring, alarm overviews, event history, service reminders, and secure access. Its flow and pressure trend visualization allows facilities to optimize gas consumption and plan refills efficiently. Fully compliant with HTM, NFPA, ISO, and CSA standards, the MAT-S continues to provide hospitals with a robust, certified gas supply system for uninterrupted patient care.

"With the MDR certification of the MAT-S, we reaffirm our dedication to patient safety and technological advancement," said **Arjune Venkataramani, Global Product Marketing Manager for BeaconMedaes**. "This certification is a testament to the rigorous standards our products meet, ensuring hospitals have reliable and fully compliant medical gas solutions."





For more information, please contact:

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BeaconMedaes is a global leader providing complete medical gas solutions, including medical air, medical vacuum, gas distribution equipment and pipeline components. BeaconMedaes has several assembly facilities plus an extensive sales and service presence throughout the world. In July 2006, BeaconMedaes was acquired by the Atlas Copco Group and has since become the global competence center for medical solutions within the Atlas Copco Group. More information on BeaconMedaes can be found at www.beaconmedaes.com.

BeaconMedaes – Part of the Atlas Copco Group

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