



Medical-Grade Membrane Keyboards & Custom Input Devices

Key Highlight

- Seamless, disinfectant-friendly membrane and silicone interfaces
- High durability for continuous medical use
- Ergonomic and customizable designs for precision control
- Proven integration in critical healthcare and surgical systems

Production Information

Keetronics has been delivering advanced medical-grade input devices since 1994, supporting innovation across global healthcare technology platforms. Designed with precision engineering and user-focused ergonomics, our membrane keyboards and custom HMI solutions are built for environments where accuracy, reliability, and hygiene are essential.

In medical electronics, input devices must function flawlessly in ICUs, operating rooms, diagnostic centers, and surgical systems. Keetronics designs seamless, non-porous membrane keyboards and silicone rubber keypads that are easy to clean and disinfect, making them ideal for sterile environments.

Our interfaces are engineered for clarity, visibility, and ease of use, ensuring healthcare professionals can operate complex equipment efficiently under critical conditions. With compact, ergonomic, and customizable designs, our input solutions integrate seamlessly into medical systems while maintaining durability under continuous operation.

Applications span across cardiac equipment such as ECG machines, imaging and X-ray systems, dental chairs, neonatal care devices, ophthalmology instruments, cancer treatment systems, dermatology equipment, and pathology analyzers. Our silicon-based rubber keypads are also integrated into robotic surgery systems, supporting high-precision procedures where dependable control is essential.

Technical Specifications

Technology Options	Membrane Switches / Silicone Rubber Keypads
Surface Design	Seamless, Non-Porous, Easy-to-Clean Interface
Hygiene Compatibility	Suitable for Sterile and Disinfected Environments
Durability	High Wear and Tear Resistance for Continuous Use
Design Capability	Compact, Ergonomic, and Customizable Layouts
Integration	Compatible with Monitoring Systems, Surgical Equipment, and Diagnostic Devices
Operating Environment	ICU, Operating Rooms, Diagnostic Centers, Clinical Labs
Operating Environment	ECG and Cardiac Monitoring Systems X-Ray and Imaging Equipment Dental Chairs and Instruments Neonatal Care Equipment Ophthalmology Devices Cancer Treatment Machines Dermatology Equipment Pathology Systems Robotic Surgery Platforms