RAFI

BASIC-TECHNOLOGIES

GLASSCAPE®

Touchscreens are standard in almost all data entry systems. However, not all touch-screens are suitable for use in medical devices. Which is why we produce our own touch sensors in-house. This ensures you receive touchscreens with long service lives that are adapted to your specific field of application.

ELECTRONICS

As one of the largest German EMS service providers, we develop and produce customer-specific control solutions based on standard ECUs and interfaces – quickly and economically.

ONE-STOP-SHOP

We provide a comprehensive One-Stop-Shop experience with vertical integration, controlling all aspects of production in-house, from touch sensors to operating panel components. This ensures unmatched quality, customization, and efficiency for diverse industrial applications.

HMI STANDARD PRODUCTS

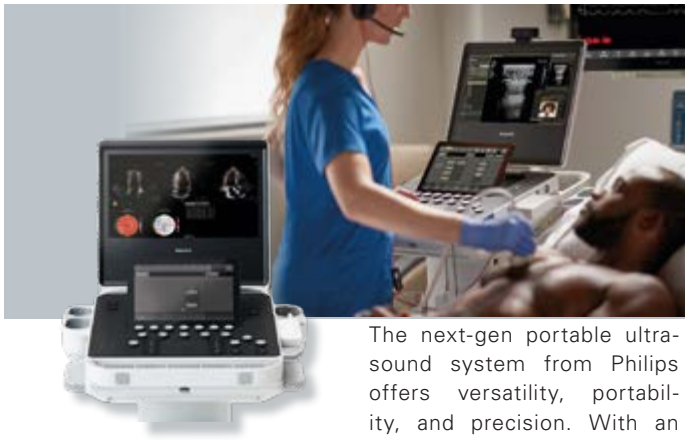
RAFI user interfaces are based on our wide range of standard HMI products, such as tactile switches or control devices for specific applications.

CUSTOMIZED OPERATING AND DISPLAY PANELS

Clinomic | AI Patient Monitoring System

Experience an intelligent patient monitoring platform solution that goes beyond with a 4K touch display, in-house optical bonding, telemedicine capabilities, seamless connectivity, enhanced functionality through radar technology, and advanced AI processing. This delivers comprehensive patient care and monitoring with cutting-edge technology.

PHILIPS Healthcare | Portable Ultrasound System



The next-gen portable ultrasound system from Philips offers versatility, portability, and precision. With an adjustable display, ultra-thin design, tactile feedback features, and precise controls, it provides a holistic solution for efficient and accurate diagnostics.

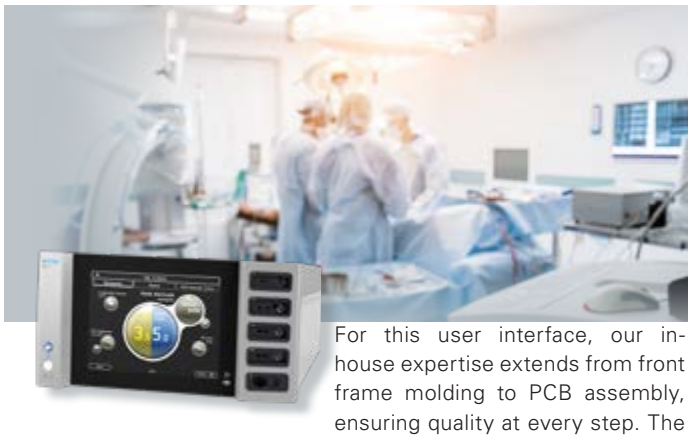
GE Healthcare | Joystick for table side user interface

Tailor your experience with customizable interfaces, AI-driven workflows, and augmented reality visuals for precision. The specially designed control module, featuring hand-recognition joysticks, provides best-in-class cleanability by sealed and seamless surfaces. A robust 2-component casing and railclamp streamline one-handed positioning on the patient table, optimizing Interventional Radiology performance.

GE Healthcare | Women´s health Ultrasound UI

Dive into an unparalleled imaging experience. With AI support, customizable interface, automatic probe activation, this Ultrasound device redefines diagnostics. Its innovative features combine for unmatched detail, ergonomic design, and diagnostic excellence, setting a new standard in healthcare.

Erbe | HMI for HF surgery



For this user interface, our in-house expertise extends from front frame molding to PCB assembly, ensuring quality at every step. The RAFI GLASSCAPE® crafted in-house integrates seamlessly with intelligent software for reliable touch control, offering a modular design and automated touch deactivation during HF cutter use for enhanced patient safety.

SIEMENS Healthineers | HMI for MRT system

Experience excellence with the market leader in 1.5 and 3.0 Tesla MRI. Winner of design awards, this MRT system offers a broad examination spectrum, powerful magnet and gradients, and efficient energy management. RAFI contributions include a shielded touch monitor and JogWheel control units with ambient lighting for a streamlined user interface.