



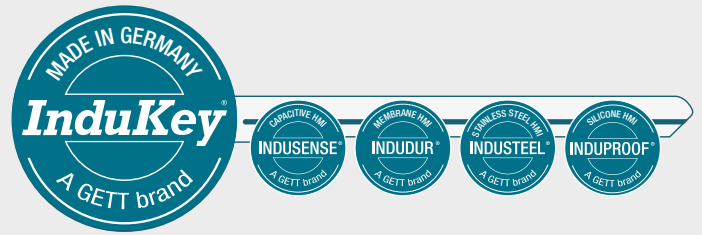
OPERATING SOLUTIONS  
MADE OF  
STAINLESS STEEL



## OPERATING UNITS AND SYSTEMS MADE OF STAINLESS STEEL

combine high degrees of sturdiness and aesthetics. They are used in a wide variety of fields of use. They range from vandal-proof information terminals in the public sphere to ship fuelling units with extremely tough ambient conditions. We process the highest quality grades of the material stainless steel for any type of HMI equipment: keypads, keyboards, operating panels or complete systems with a frame and monitor. The basis for this can be found in our quality philosophy, which focuses on reliability, durability and top quality levels.

## INDUKEY® TECHNOLOGY BRANDS












**InduSteel®** is our technology brand for high-quality operating solutions made of stainless steel. It forms part of the InduKey quality brand family. We develop and produce most of our products and solutions at our company headquarters in Treuen.

## AS A MANUFACTURER, WE OFFER A BROAD RANGE OF PRODUCTS, SOLUTIONS AND SERVICES

- Design and development work for operating solutions made of stainless steel, ranging from an individual button to a complete HMI system
- Manufacturing and selling a broad range of standard stainless steel keyboards
- Metal processing at the company's own CNC centre
- Surface treatments (satinising, polishing, etc.)
- Making use of all the common switching technologies
- Handling special requirements like illumination or making units explosion-proof
- A wide variety of assembly and attachment possibilities
- Integrating all the available operating components
- Integrating nearly all the interfaces
- Laser engraving for different layouts and symbols

## YOU ENJOY THESE BENEFITS AS OUR CUSTOMER AND PARTNER

 <p>High levels of reliability</p>	 <p>Customised solutions</p>	 <p>Our ability to handle all the data input technologies</p>
 <p>High levels of security</p>	 <p>Extensive advice and support 24/5</p>	 <p>Rapid completion and delivery</p>
 <p>Made in Germany</p> <p>High quality that is 'Made in Germany'</p>	 <p>Certificates and standards</p>	 <p>Diverse technical features like explosion proofing or illumination</p>



## HMI COMPONENTS AND SYSTEMS MADE OF STAINLESS STEEL

1. Operating panels

2. Keypads and keyboards

3. Monitor and display integration

4. Additional operating functions



Information centre in an administrative area

## FIELDS OF APPLICATION



HMI solutions made of stainless steel are suitable for almost any application because they combine sturdiness and ease of use. Whether you need a unit indoors or outdoors, in industry or the public sphere - there are hardly any restrictions on the range of fields of use. Stainless steel keyboards can cope with almost anything, ranging from use as the information point in flagship stores to the control unit at glass melting furnaces, for example.

We combine the most suitable key technologies, types of stainless steel and additional operating components for the particular field of application to produce the best possible product. We always include the special features for the relevant sector in our concept work. Typical differentiation criteria include security aspects, operating comfort, resistance to chemicals, mechanical stress, extreme temperatures and design requirements.



Banking



Conveyor belt and lift technology



Self-service terminals



Industrial environments

### FIELDS OF APPLICATION

- ☑ Heavy industry and engineering
- ☑ Information terminals and kiosk systems
- ☑ Control centres for traffic and energy supplies
- ☑ Automatic vending and ticket machines
- ☑ Training and event centres
- ☑ On-street and off-street parking systems

### FEATURES

- ☑ High degrees of resistance to any mechanical or climate impact
- ☑ Pleasant, comfortable touch and operating feeling
- ☑ Protection against any penetrating liquids
- ☑ High-class appearance
- ☑ Additional anti-vandalism protection through non-removable key caps



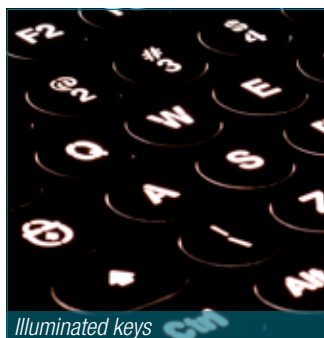
Stainless steel caps on a silicone mat as the switch element



## RANGE OF TECHNOLOGIES

HMI solutions based on stainless steel can be equipped with any kinds of operating components and functions. A panel, which can involve any geometrical shape, always forms the basis for this. Buttons, keys, keyboards, joysticks, touch-pads, monitors and displays can be integrated in this stainless steel front panel and combined with each other. The panel equipped in this way can then be used as a component for insertion in machines and appliances or as a stand-alone system in a frame.

Various functions ranging from a simple emergency stop button to explosion protection or even integrating near field communications can be included to guarantee certain functions. Thanks to our testing laboratory with its wide range of equipment, we can thoroughly test and guarantee that the function works perfectly.



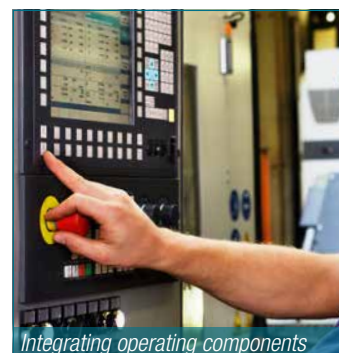
Illuminated keys



Individual key shapes



Special key functions



Integrating operating components

## DESIGNS AND FUNCTIONS

- ☑ Using high-quality types of stainless steel in almost any geometrical shapes and sizes
- ☑ Integrating monitors, displays and touch screens
- ☑ Individual key shapes and keyboard layouts
- ☑ Illumination for keys and symbols
- ☑ Frame and insertion versions
- ☑ Key design as a short-stroke, long-stroke or enclosed version
- ☑ Protection against water and dust
- ☑ Special key functions
- ☑ Various surface treatments
- ☑ Silicone free and explosion-proof solutions



HMI stainless steel panel



## INDIVIDUAL SOLUTIONS

We produce your individual HMI product as your development and manufacturing partner. This work starts with your idea and initially leads to the joint development of a specification sheet. During this process, we adopt the role of facilitator between the envisaged field of use, your wishes and the best possible technical and cost-effective solution.

During the development and manufacturing phase, we ensure that we remain in close and permanent contact to exchange ideas. Typical milestones like approval for the design, structure, prototyping or finalisation, including change management, are core elements in our efficiently organised project management processes. It does not matter whether this involves a special key panel or a complete operating panel. Using flexible, well-defined production processes, we can either handle small production runs or large volumes.



### RANGE OF SERVICES

- ☑ Comprehensive technical advice
- ☑ Local contact partner
- ☑ Planning work geared towards your application
- ☑ Keeping a constant eye on costs
- ☑ Preparing all-round product concepts
- ☑ Efficient project management
- ☑ Careful selection and purchase of materials and components
- ☑ Mechanical and electronic development work
- ☑ Design samples and prototyping
- ☑ Specific assessments and tests (e.g. salt water tests)
- ☑ Production and assembly work
- ☑ Quality control
- ☑ High degree of supply readiness and long-term availability



*InduSteel® keyboard for insertion*

## READY-TO-USE KEYBOARDS



We provide a comprehensive range of high-quality, ready-to-use stainless steel keyboards in this field. You can purchase items that are ready-for-use from our stocks at any time. We basically make a distinction between keyboards for insertion for system integration and keyboards in an enclosure for use on a desk or in consoles. The spectrum of models here ranges from illuminated numeric keypads to keyboards for insertion with a trackball.



*Front panel keyboard with integrated stainless steel trackball*

We manufacture most of the keyboards at our headquarters and they are subject to strict quality control measures. Each item is fully tested before it is dispatched to our customers. As a result, our stainless steel keyboards are known for their reliability and long serviceable life.



*Test station for mechanical resistance (IK test)*

### OUR RANGE, YOUR BENEFITS

- ✓ Rapid availability
- ✓ Large range of models
- ✓ Insertion and stand-alone models
- ✓ Individual modifications (e.g. engraved logo)
- ✓ Private label production
- ✓ Able to handle any country layout
- ✓ Durable, reliable high-end quality

Our complete range of stainless steel keyboards: [www.gett-group.com](http://www.gett-group.com)



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