

Services

Washable  
Keyboard

Robust & rugged  
Keyboard

Technical  
Parts

Customized  
Solution

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A hand is shown pressing a button on a control panel. The panel features a keypad with numbers 1-9, \*, 0, and #. Above the keypad is a small screen. The background is a blurred industrial setting.

## Our mission

### Who we are:

As a developer and manufacturer of HMI hardware, we already offer our customers and partners the best possible operating solutions for their field of application and operational environment.

This may range from individual components to turnkey systems, which use any kind of HMI technology. This involves acting within the framework of our long-standing three-fold success formula – it is based on **quality, technical expertise and flexibility**.

We create individual products and solutions, even in very small quantities, by having an effective manufacturing system with a high degree of in-house production.

**This enables us to support our customers and partners with the highest quality levels as they move towards ever increasing diversification.**

This brochure alone can not introduce all our products, if you have intention, please contact us for advice.

E-mail: [info@gett-asia.com](mailto:info@gett-asia.com)



## Company profile

GETT is one of the leading providers of professional operating technology that is 'Made in Germany'. As a hardware specialist, we manufacture high-quality products and solutions mainly for industrial, commerce and the medical sector.

### 2015

GETT Assembly Asia Co Ltd. based in Shenzhen (China) is founded in order to be able to operate an independent production and quality management on site.

### 2014

The first subsidiary in Asia, GETT Asia Ltd., is established in Hong Kong. This brings the GETT Group closer to the home of important suppliers and customers.

GETT has taken over the global production and sales rights for the renowned canadian keyboard brand Cleankeys®.

### 2007

With the founding of InduKey North America LLC in New Jersey (USA), GETT begins its expansion abroad.

### 2000

InduKey was founded as a registered trade mark from GETT. InduKey stands for professional premium keyboards and mice.

### 1996

Company GETT founded in tureen as a company specialized in the commercialization of keyboards of different technologies and manufacturers.



# Service

Strategic Purchasing

Engineering Design

Quality Inspection

OEM Assembly

Product Application



Meet customer need



Global sales network



Proximity service

## Strategic Purchasing

### Parts Procurement

High quality and cost-effective parts from our certified and audited component partners worldwide.



• [TFT display product range](#) • [Touch product range](#) • [Membrane switch](#) • [Silicon rubber parts](#) • [Metal parts](#)

### Strategic Supply Chain

Efficient shipment plan and transportation solutions to support your demand schedule.



## Engineering Design

### Engineering

Global R&D team provide quick access of technical and prototyping verification.



### Productization

Customized and flexible production to realize design into system or product.



## Quality Inspection

### Quality Management

Strict quality policy under Germany automotive and industrial standard.

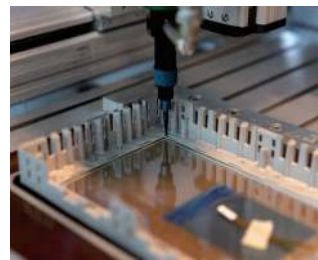


## OEM Assembly

### Manufacturing

Regional proximity from own manufacturing bases in Germany and China.

### GETT Germany



### GETT Asia





## Washable Keyboard

### Characteristics

- German brand
- 100% waterproof
- Clean mode

### Application

- Hospitals
- Rehabilitation centers
- Office areas
- Pharmaceutical factory
- Food processing plant



## Industrial Products

### Characteristics

- German brand
- Strong and durable
- Waterproof effect
- Industrial level
- Safety and hygiene

### Applicable

- Machine building
- Automation
- Engineering
- Traffic and transport
- Defense technology
- Security engineering



## Customized HMI Solution

### Characteristics

- German brand
- Operational solutions
- Flexible application

### Applicable

- Industry and automation
- Healthcare and food processing industries
- Transportation and traffic
- Public systems and security
- Building automation



## Technical Parts

### Parts and components category

All GETT components follow the strictest industrial standards.

- TFT display product range
- Touch product range
- Membrane switch
- Silicon rubber parts
- Metal parts







Meet customer need



Global sales network



Proximity service



## Washable Keyboard

- \* Rated Keyboard
- \* Fully Washable and Disinfect able
- \* Magnetic Mounting

## Keyboard-paradise for germs

Have you dared to take a closer look at your keyboard? It is very simple: carefully remove a key with a biro or a paper clip-and you will be amazed to see what is going on inside...



"Keyboard is 'dirtier than a toilet' ", from BBC news

- User devices are massively contaminated
- Breeding ground for germs and pathogens
- Germs penetrate through gaps inside the keyboard
- Germs remain and proliferate even after surface disinfection
- Difficult to clean and disinfect

## Why using Medical Keyboards?

You can't see do not mean that is clean. Keyboards and mice are an ideal environment for germs and bacteria. This gives rise to potential risk situations in hygiene-sensitive areas like food production or the health sector.



- To protect personnel from pathogens
- To improve the overall hygiene situation
- To prevent any nosocomial infections
- To guarantee that infections are kept in check

## Why using GETT?

We are users too so we understand what are users do need.



Our keyboards are designed with silicone covers, which are washable. Easy cleaning keeps your keyboard away from germs, our keyboards even suitable for use in hygiene-critical areas.

### More application scenarios:

Clean Room, Coffee Shop, Cosmetic Manufacturer, Education Sector, Hospital, Hotel, Laboratory, Packinghouse, Pharmaceutical Factory, Plastic Surgery Hospital, Prime Office

### GETT Certified Quality

All product is extensively examined to make sure it is completely proved up to our German Standard.

### Lab testing & certificate

Product are qualified from our internal lab in Germany Headquarter before production. Our products are certified by external laboratory such as IP68, RoHS, CE, FCC, EN60601-1-2 Ed 4...etc.

### Flexible customization

Wide countries key layout available, private Logo, customized cable length, low minimum order quantity.





## CLEANTYPE® PRIME SERIES (KSI-U10200/KSI-U10210)

- \* Suitable for high hygiene requirement environment, such as hospital pharmaceutical manufacturing, food processing and dust-free workshops.



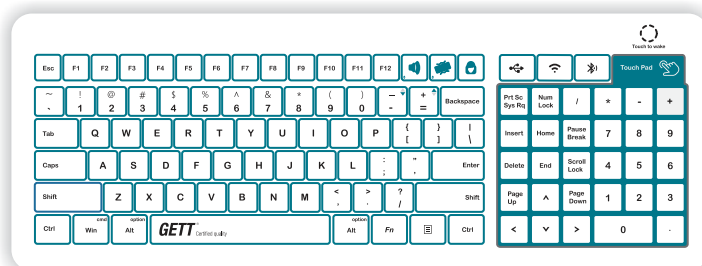
## CLEANTYPE® EASY BASIC (KPL-U10060)

- \* Office friendly and easy to wash, suitable for office, public libraries, coffee shops and computer center in school.



## CLEANTYPE® CLASS KEYBOARD (KGL-B10010)

\* Elegant and flat surface design, suitable for dentist, plastic surgery hospital, conference area in hotel and IC manufacturing.



## CLEANTYPE® PRIME SERIES PANEL/PANEL+ (WITH WALL MOUNT)

\* Wall-mounted keyboard, input for digital console in operating room.





## **Waterproof Medical Click Scroll Optical Mouse (MSI-U10010 / MSI-U20010)**

\* Fully sealed washable mouse, perfect bundle with silicon keyboard.



## **2.4Ghz Wireless Medical Optical Mouse (MSI-G10010 / MSI-G20010)**

\* Fully sealed, wireless mouse, wide operating range without setting.



## **Waterproof Medical Wheel Scroll Optical Plastic Mouse (MPL-U10010)**

\* Office friendly, plastic, washable mouse, perfect bundle with Clean type Easy Basic.



# Robust a Rugged Keyboard



## *InduKey*®



Meet customer need



Global sales network



Proximity service





## Membrane HMI

Brand for operating solutions and components

**GETT**® GETT Brand  
**InduKey**®

### TECHNOLOGIES:

- A flat height
- Robust, malleable foil surface
- Can be activated more than 1 million times
- High degree of resistance to wear
- Insertion through adhesive layer on rear
- Various key embossing designs
- Attractive additional features

### BENEFITS:

- Absolutely individual design
- Cleaning and disinfecting
- Flat insertion depth
- Space-saving, compact control panels available
- Easily perceptible key feedback

### APPLICATIONS:



Control System for Sachs Terminal



Embedded Systems for Warnes-green Brewery

### Desktop



### Panel Mount



### 19" Rack mount



### 19" Drawer





## Silicone HMI

Brand for keyboards and operating components

**GETT**® GETT Brand  
**InduKey**®

### TECHNOLOGIES:

- Excellent chemical resistance
- Good tactile feel for the individual keys
- Reliable contacting on the printed circuit board
- Almost unlimited design opportunities
- Coating possible on the silicone
- Can be delivered with plastic caps as an option
- Low-cost batch production

### BENEFITS:

- Improved hygiene by dipping the units in cleaning solutions and/or rinsing them
- Very easy to use like a traditional PC keyboard
- Suitable for use at home or in the office
- Impervious to dirt and water
- Several colors available on one silicone mat

### APPLICATIONS:



Dentistry



Waterproof design with a silicone surface

### Full Silicone Keyboards



KG17225



KG20207



KG17223



KG22203

### Silicone Keyboards with metal-front-plate



KG14014



KG14022

### Silicone Keyboards with Plastic Enclosure



KG23233



KG24240





## **Capacitive HMI**

**Brand for capacitive operating solutions**

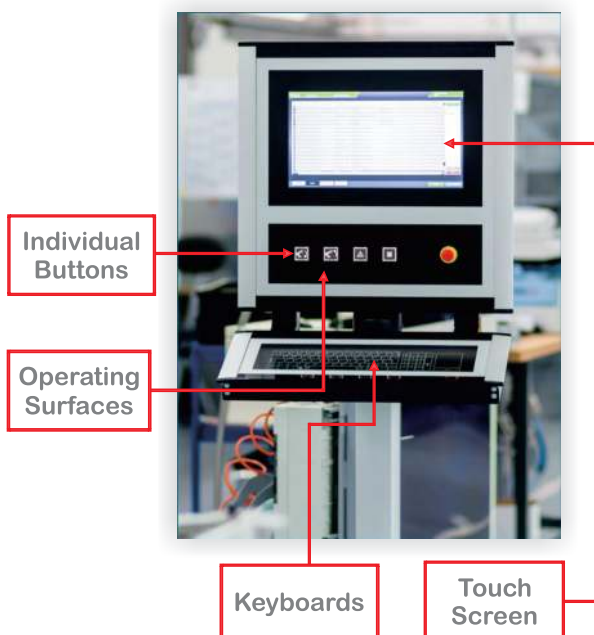
### **TECHNOLOGIES:**

- Glass printing in line with current color schemes (e.g. RAL, Pantone)
- Use of and integration with sensor films (projected capacitive touch screens) and surfaces (touch-pads)
- Various integration processes (e.g. optical bonding or OCA lamination)
- Developing and producing capacitive keyboards with a full key layout
- Producing complete systems with an integrated frame

### **BENEFITS:**

- Common glass thicknesses ranging from 0.8 to 3mm
- Individual dimensions
- Using alternative materials like acrylic glass or artificial stone
- Large operating choice through multi-touch and gesture recognition
- Additional features like lighting or operating

### **Turnkey Operating Solution**



### **APPLICATIONS:**



Capacitive touch screen and surface



Capacitive operating surface

### **Glass TKR Keyboards**

#### **• GLASS SURFACE KEYBOARDS**



KR23211

#### **• EMBEDDED PANEL MOUNT KEYBOARD** *Compact size capacitive panel mount keyboard*



KR23241

#### *Full size capacitive panel mount keyboard*



KR23221



## ***Stainless Steel HMI***

***Brand for HMI solutions with user interfaces***

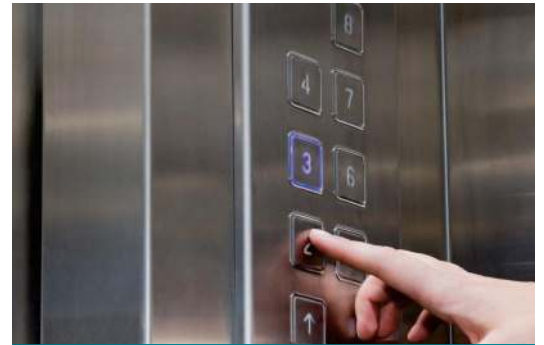
### **TECHNOLOGIES:**

- Various sizes, designs, key shapes and switching technologies
- High degree of protection available (up to IP69k)
- Individual marking by using lasers or engraving machines
- Surface treatments like highly polished, matt finish or dark colors
- Key and element lighting
- Integrating various additional control elements like buttons, cursor controls or displays

### **BENEFITS:**

- Top resistance
- Vandal-proof features
- High-class, optical design
- Possible to incorporate both small control panels or large-format consoles

### **APPLICATIONS:**



Conveyor belt and lift technology



Industrial environments

#### **Desktop**



KV21226



KV23203

#### **Front Panel Mount**



KV21206



KV17215



KV21218

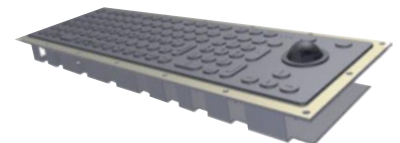
#### **Back Panel Mount**



KV21202



KV14005



KV22217



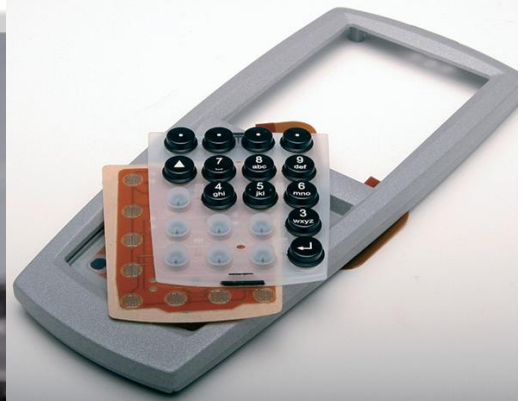
Meet customer need



Global sales network



Proximity service



## Technical Parts

TFT Display Product Range

Touch Product Range

Membrane Switch

Silicon Rubber Parts

Metal Parts



## **GETT-Group**

GETT-Group is one of the leading manufacturer of professional operating technology that is “Made in Germany” and our group was established in 1996. We specialized in manufacturing high quality products and HMI solutions for industrial, medical, retail, food industries.

Over the years, GETT-Group has also built and accumulated a vast network of qualified components following the strictest industrial standards.

## **GETT APAC**

GETT APAC as the subsidiary of the GETT Group in Hong Kong which is the regional headquarter in Asia Pacific region. We aim to provide the high quality product and components in medical, industrial and different industry sectors. We also provide OEM and quality control service to our global partners. Being the global hub in Asia, our vision is to utilize the well-established supply chain network, technical expertise from GETT Germany, and the local proximity advantage to let our customers benefit a wide range of quality products and flexible supply chain services.

## **What is GETT Certified Quality (GCQ)?**

GETT Certified Quality (GCQ) scheme was created under this vision.

It is a strong commitment of quality control to all aspects of our products and services from GETT APAC. GCQ is a high quality assurance process based on strictest German industrial standards compliance by GETT-group.





## TFT Display Product Range

TFT display screen is also a kind of active matrix liquid crystal display device.

As one of the best LCD color displays, TFT display has the advantages of high responsiveness, high brightness and high contrast, and its display effect is close to that of CRT display.

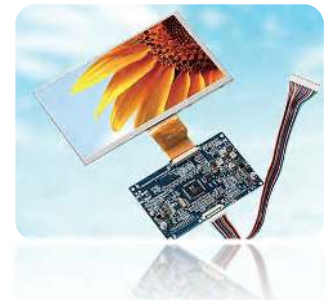
### TFT Display – Landscape



### Optional with touch panel (RTP / CTP)



### Optional with controller board



Size	Resolution	Outline Size (W*H*T)	Contrast	Brightness	Interface	RTP or CTP	Size	Resolution	Outline Size (W*H*T)	Contrast	Brightness	Interface	Prt or Ctp
3.5"	320*240	76.9*64.0*3.1	350:1	300	MCU / RGB	Optional	9.0"	800*480	211.1*126.5*5.9	500:1	250	RGB	–
3.5"	320*240	76.9*63.9*3.26	400:1	300	RGB	Optional	9.7"	1024*768	210.2*166.3*3.55	500:1	350	RGB	–
4.3"	480*272	105.5*67.2*2.95	500:1	500	RGB	Optional	10.1"	1024*600	235.0*143.0*2.9	500:1	350	LVDS	Optional
5.0"	480*272	120.7*75.8*3.0	500:1	350	RGB	Optional	10.1"	1280*800	229.46*149.1*2.5	700:1	300	LVDS	Optional
5.0"	800*480	120.7*75.8*2.8	600:1	350	RGB	Optional	10.2"	800*480	235.0*145.8*5.9	300:1	350	RGB	Optional
5.6"	640*480	126.5*100.0*5.7	500:1	200	RGB	Optional	5.7"	320*240	144.0*104.6*12.3	500:1	400	RGB	Optional
7.0"	800*480	164.9*100*5.1	500:1	400	RGB	Optional	8.4"	800*600	203.0*142.5*5.7	500:1	300	LVDS	–
7.0"	800*480	165*104*5.5	500:1	300	RGB	Optional	10.4"	800*600	236.0*176.9*5.6	400:1	400	RGB	Optional
7.0"	1024*600	164.9*100.0*2.8	700:1	300	LVDS	Optional	12.1"	800*600	276.0*209.0*9.0	600:1	400	LVDS	–
8.0"	800*600	183.0*141.0*5.6	500:1	250	RGB	Optional	12.1"	1024*768	279*209*8.6	700:1	450	LVDS	–
8.0"	1024*768	174.0*136.0*2.45	700:1	280	LVDS	–	15.0"	1024*768	326.5*253.5*11.13	600:1	400	LVDS	–

### TFT Display - portrait



### Optional with touch panel (RTP / CTP)



### Optional with controller board



Size	Resolution	Outline Size (W*H*T)	Contrast	Brightness	Interface	Prt or Ctp	Size	Resolution	Outline Size (W*H*T)	Contrast	Brightness	Interface	RTP or CTP
1.44"	128*128	32.36*38.0*2.6	300:1	140	CPU / RGB	–	3.5"	320*480	55.66*85.09*2.5	500:1	250	CPU/RGB	Optional
1.77"	128*160	33.3*42.94*2.2	500:1	250	CPU / RGB	–	4.0"	480*800	57.4*96.85*2.15	500:1	400	CPU/RGB	Optional
2.0"	240*320	36.2*51.6*2.38	500:1	250	CPU / RGB	–	4.3"	480*800	62.46*105.9*2.1	500:1	300	CPU/RGB	–
2.4"	240*320	42.72*60.3*2.4	500:1	250	CPU / RGB	Optional	4.7"	540*960	61.91*114.38*1.75	500:1	300	MIPI	–
2.6"	320*432	45.0*62.9*1.7	500:1	250	MIPI	–	5.0"	480*854	66.4*120.5*1.95	500:1	350	MIPI	–
2.8"	240*320	50.0*69.2*2.55	500:1	250	CPU / RGB	Optional	5.0"	720*1280	65.3*118.8*1.55	500:1	350	MIPI	–
3.0"	240*400	45.04*77.0*2.4	500:1	250	CPU / RGB	–	5.5"	540*960	71.34*130.31*1.85	500:1	350	MIPI	Optional
3.2"	240*320	55.04*77.7*2.38	500:1	250	CPU / RGB	–	5.5"	720*1280	71.24*129.91*1.65	500:1	350	MIPI	Optional
							7.0"	800*1280	103.46*162.03*2.3	800:1	350	MIPI	–

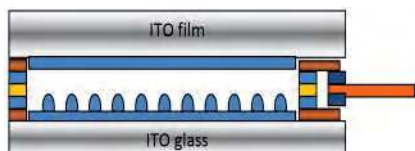
## Touch Product Range

As an input device, touch screen has many advantages, such as durability, fast response, space saving and easy communication.

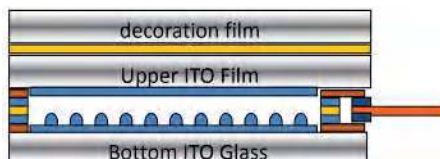
As a high-tech machine, touch-in-one machine has gradually replaced the status of simple touch screen, so that users can truly feel the characteristics of human-computer interaction.

### Resistive touch panel (RTP)

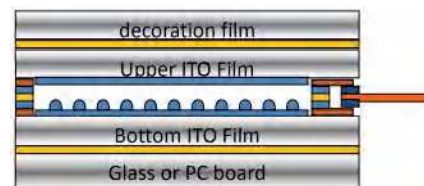
F/G Structure



PET/F/G Structure



PET/F/G  
or PET/F/F/PC Structure



Standard Dimension	3.5", 4.3", 5", 7", 8", 10", 12", 15", 17"
Type	4-wire, 5-wire, 8-wire
ITO glass thickness	0.7mm, 1.1mm, 1.8mm, 3.0mm
Surface hardness	3H or higher
Structure	F/G, PET/F/G, PET/F/G, PET/F/F/PC
Surface finishing	Antiglare or Clear
Lead time	Sample: 3weeks, Mass Production: 4weeks
Major Specification	
Haze	1.5% to 2.0%
Light Transmission	76% -80%
Operating Pressure	50g to 100g

### Capacitive touch panel (PCAP)

Glass Sensor CTP  
G/G Structure



Film Sensor CTP  
G/F Structure, G/FF Structure



Standard Dimension	3.5", 4.3", 5", 7", 8", 9", 10", 12", 15", 17", 21.5"
Type	4-wire, 5-wire, 8-wire
ITO glass thickness	0.4mm, 0.55mm, 0.7mm, 1.1mm, 1.8mm
Structure	G/G, G/F, G/FF
Interface	I2C, USB
IC bonding method	COB/COF
Special feature	Anti-fingerprint, Anti-reflection, Anti-glare, Multiple touch, optical bonding with Cover Glass
Lead time	Sample: 4weeks, Mass Production: 5weeks

## TFT Display & Touch Product Range Field of Application

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Industrial automation



Medical device



Train Station Kiosk



POS



Transportation control terminal



Multimedia inquiry terminal



## Membrane Switch

Membrane switch is an operating system which integrates key-press function, indicator element and instrument panel.

The thin film switch has the advantages of light weight, reliable structure, small volume, rich color, beautiful appearance, good sealing performance and long service life (up to 1 million times).

It is widely used in all fields of computer, numerical control, intelligent instruments, instruments and electronic circuits with discriminant and memory functions.



Medical Equipment



Multicolor Printer



Electric Vehicle Charging Pile



Automotive Interior

## Other Membrane Switches



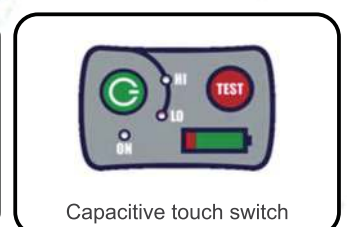
PET+Window embossed with multicolor printing



Waterproof membrane switch



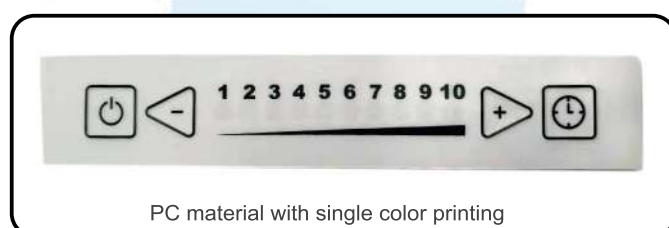
Silicon rubber membrane switch



Capacitive touch switch



Front foil label



PC material with single color printing

## Silicon Rubber Parts

### Silicone Keypads With

Wide options of silicon rubber parts design and manufacturing



Silicon rubber is used in numerous applications because of its characteristics including good thermal stability, repels water & forms tight seals, excellent electrical insulation, flame retardant chemical resistance, silicone rubber is also versatile for various design and economical for molding and production.

## Metal Parts

Aluminum is a outstanding combination of strength and light weight, which also wellknown for corrosion resistance, resistant for UV radiation, excellent thermal conductivity magnetically neutral and fully recyclable.

Die casting of aluminum is a high volume production process with an initial tooling. It is efficient and economical while offering a broad range of component shapes.

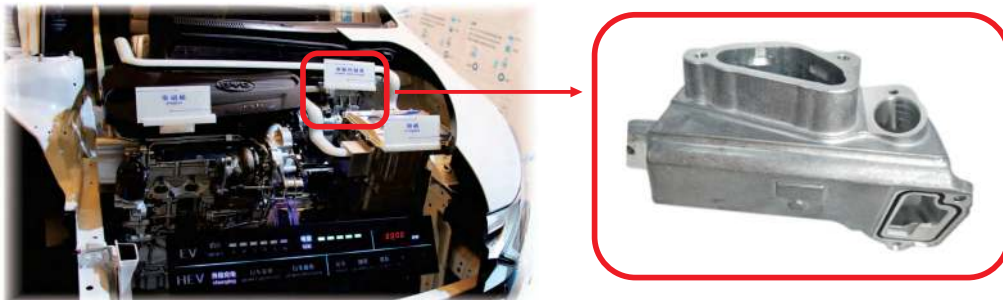
### Auto parts:

\* Used for the rear shell on the on-board display screen of agricultural vehicle monitoring.



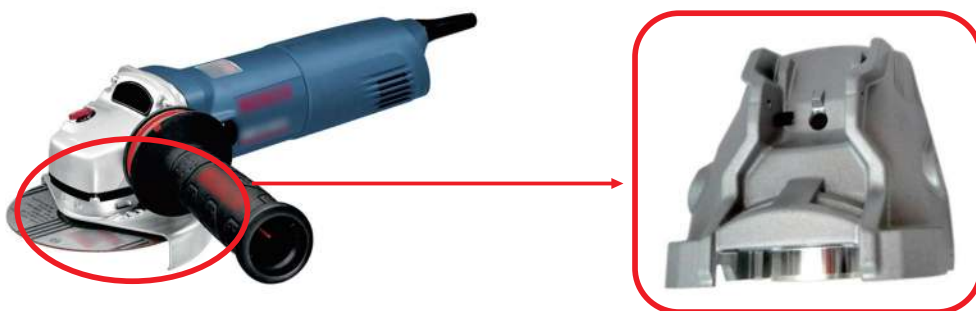
### Automobile motor controller parts:

\* Used to control the motor required current and voltage.



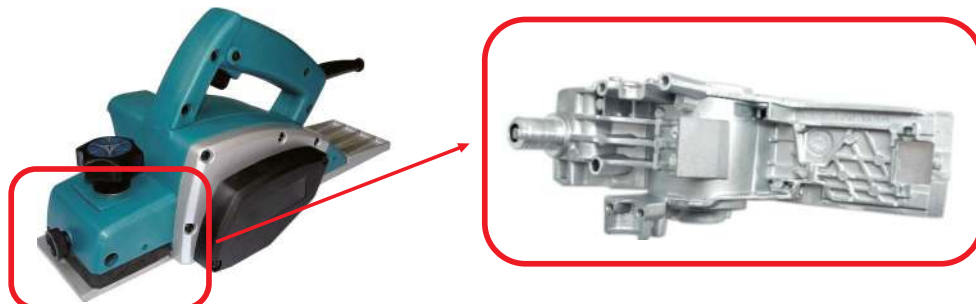
### Power tool angle grinder parts:

\* Used for cutting, grinding machine, brush grinding metal and stone, etc.



### Electric tool planer parts:

\* The planer tool can be used for planning all kinds of wood.





# Customization Solution

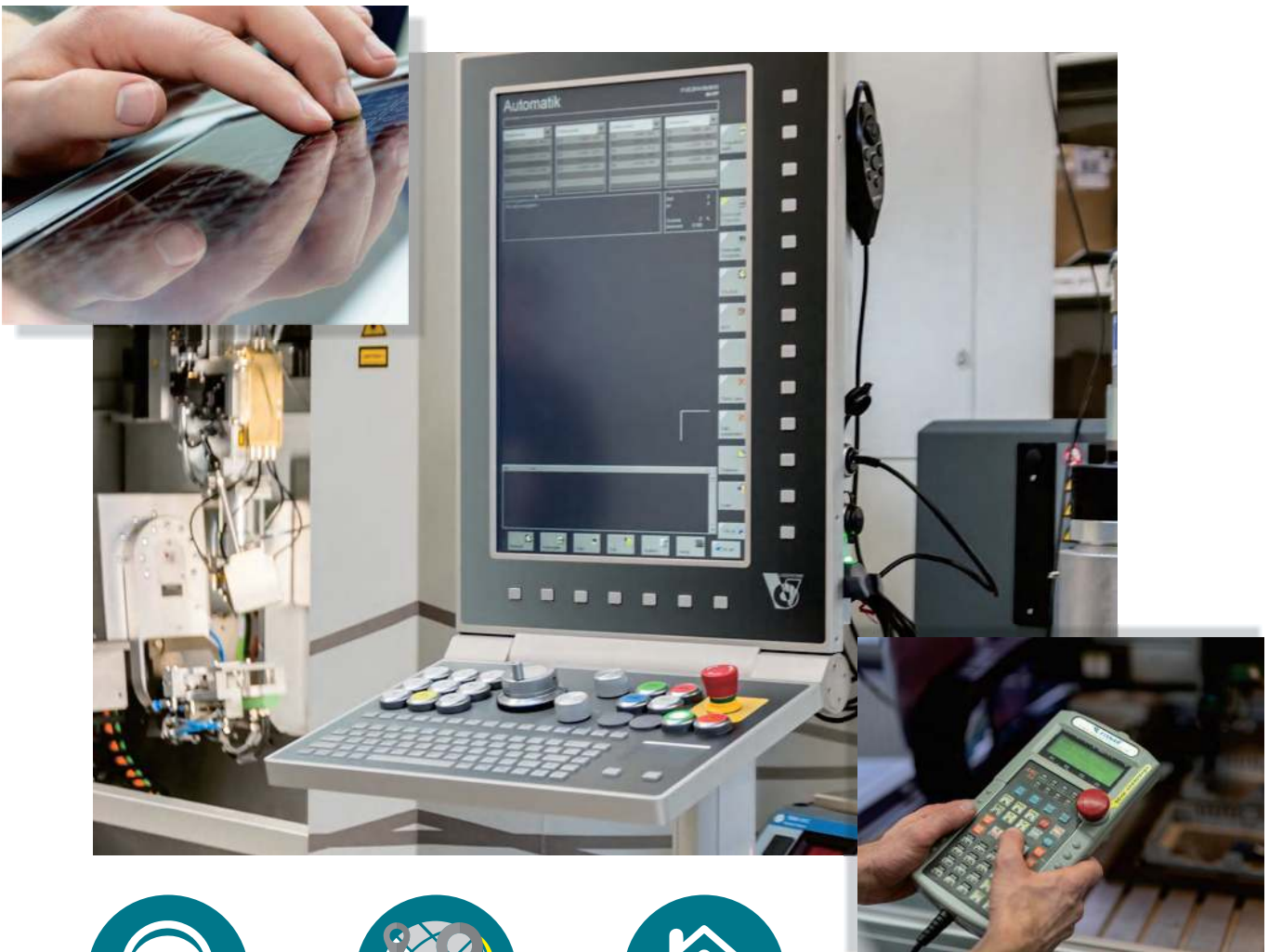
.....

**Customized Keyboards**

**Customized input Systems**

**Markets**

**Customized HMI System**



Meet customer need



Global sales network



Proximity service

## We provide these technologies

### Customized keyboards

- Flexible membrane keyboards and keypads
- Industrial keyboards with aluminum front plate and membrane overlay
- Stainless steel keyboards and keypads
- Silicone keyboards



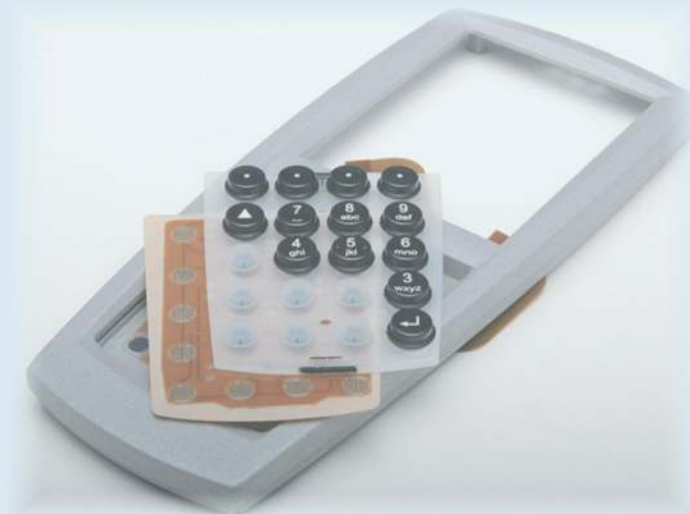
### Customized input systems

- Complex touch panels with all touchscreen technologies (resistive, capacitive, SAW e.o.)
- Mobile computing devices
- Control interfaces with glass surface



### Markets

- Industry and automation
- Healthcare and food processing industries
- Transportation and traffic
- Public systems and security
- Building automation



**Our HMI system solutions are our response to increasing levels of complexity, diversity and cost efficiency. You receive tailor-made turnkey concepts from GETT, which are consistently geared towards meeting your individual needs.**

Our range of work covers all the stages ranging from the initial idea to delivering and commissioning the system. Our expertise enables us to use all the available operating technologies. They range from a simple touch panel in a case to complex, multi-part systems, which meet various requirements like explosion protection, IP and IK protection classes, lighting or integrated NFC functionality.

As a hardware specialist, we combine a wide variety of case and front materials, operating components, mountings, computer electronics, monitors and interfaces for your individual HMI system!



**HMI system with capacitive operating elements and surfaces made of glass**



**GETT®**  
Germany

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NORTH AMERICA  
North America

**GETT®**  
ASIA  
Shenzhen

**GETT®**  
ASIA  
Hong Kong

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**GETT®**



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