



COMPANY PROFILE

Keyypad Tech

Quality, Services, Reputation



ABOUT THE COMPANY

PRESENTATION AGENDA

Quality, Services, Reputation



Brief information

Company time-line, Facilities, Certifications.



Capability

Materials, Applications.



Techniques

Know-hows, Techniques for use.



Equipment and Instrument

Lists of China & Taiwan facilities



Contact us



COMPANY TIMELINE

Quality, Services, Reputation



- Technological Rubber Co., Ltd.
(Dongguan, China)
- Employee : over 1,500 staffs
 - Tooling house
 - Manufacturing :
 - Silicone Rubber Keypads
 - Membrane Switches
 - Plastic Keycaps manufacturing

1990

2016

Jan 2017

June 2021

July 2023

Technological Rubber Co., Ltd.
(discontinuing operation)
Company split-off



- Input Technology Co., Ltd.
(Dongguan, China)
- Employee : around 180 staffs
 - Manufacturing :
 - Silicone Rubber Keypads
 - Plastic Parts processes after injection
 - Rubber/Metal and Rubber/Plastic co-mold



- Keypad Technology Co., Ltd.
(Taiwan)
- Sales center
 - Engineering sampling
 - Silicone Rubber Keypads manufacturing

ISO 14001 certification
(Taiwan)



QUALITY, SERVICES, REPUTATION

People-oriented management thinking, market-oriented business strategy and trust-based partnership....

Our Mission ; Our Vision

Keypad Technology Co., Ltd., the inheritor of Technological Rubber Co., Ltd., is funding and beginning its operation at January 1st, 2017. As a medium/small sized leading company in the field, Keypad Tech is now having 200 employee with over eight million USD of annual turnover, and still developing with strong customer / market orientated bases.

We, Keypad Tech, with more than 30 years of experience in HMI / User Interface field, is a total keypad solution provider of applications in medical / aviation / automotive / industrial and a lot more. Quality, Service and Reputation are the core value of all people in Keypad Tech, no matter what the demand is, we are here to serve.

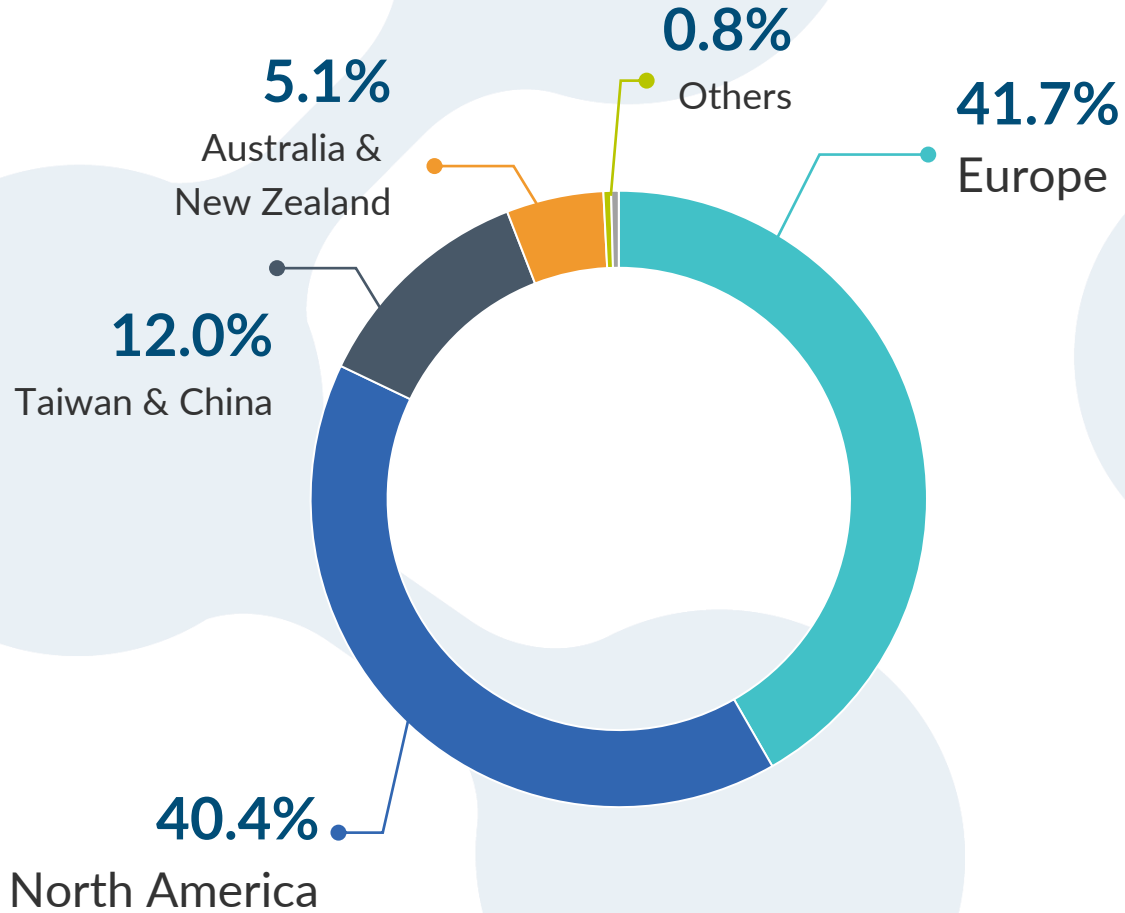
In the ever-changing global market, in order to more comprehensively help customers to enhance their value, our new Taiwan manufacturing center and supply chain system have officially started operation in June 2021. We strive to help customers better meet market needs and grow together!





SALES REVENUE IN AREAS

Quality, Services, Reputation

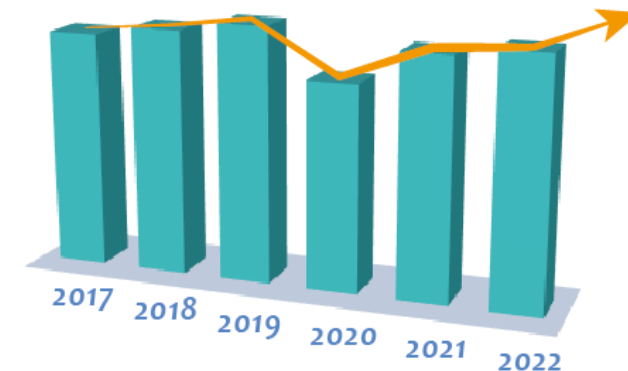


We sell to internationals

88%

We export parts overseas, majority to Europe and American.

Most of the parts we produced are with long-life cycles and we expect to have sales revenue in 10~15% yearly growing from 2020.





CERTIFICATIONS

ISO 9001, ISO 14001

We have both facilities – China and Taiwan certified with ISO 9001:2015 and we also have ISO14001 certified in Taiwan factory.

In project managing mind set, we proceed the projects in working flow such as

APQP, PFMEA, Control Plan... (PPAP level 3 reports can be provided based on customer's request).

For medical projects, we are familiar with quality assurance processes in IQ, OQ and PQ as verifications in manufacturing.



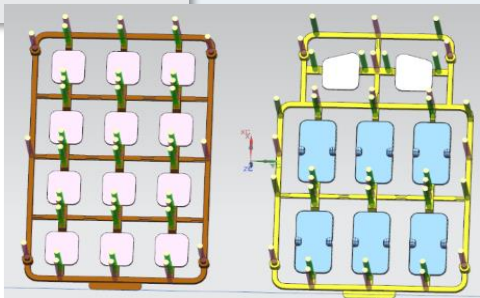
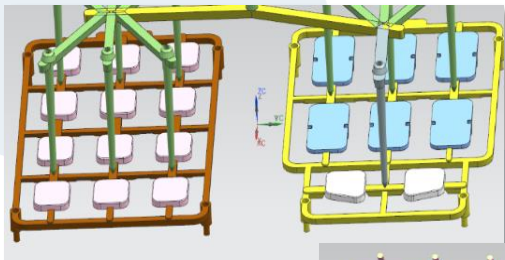
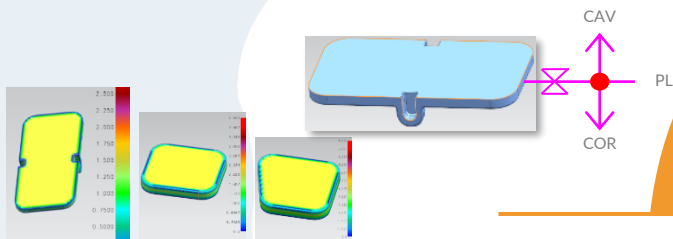


CAPACITY IN EXAMPLE

Quality, Services, Reputation

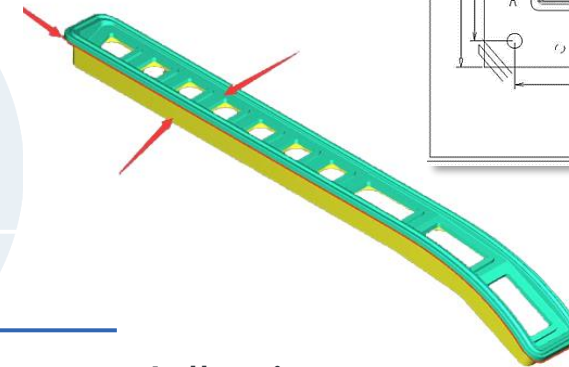
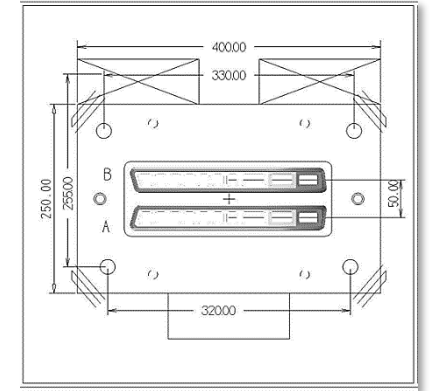
Plastic Actuators

Cavity layout, parting line set-up with mold flow analysis are always done in DFM before tooling kick-off.



Silicone Membrane

Unit parting line set-up and cavity layout in mold to be discussed and approval check.



Adhesives

3M 9448 adhesive reasonable layout in mold and trimmed for further assembling.

Assembly

We assemble those units either using adhesive or glue to make parts in sets. We can also provide parts in module for customers' easy assembling in further.



CAPACITY IN EXAMPLE

Quality, Services, Reputation

Plastic Keycaps

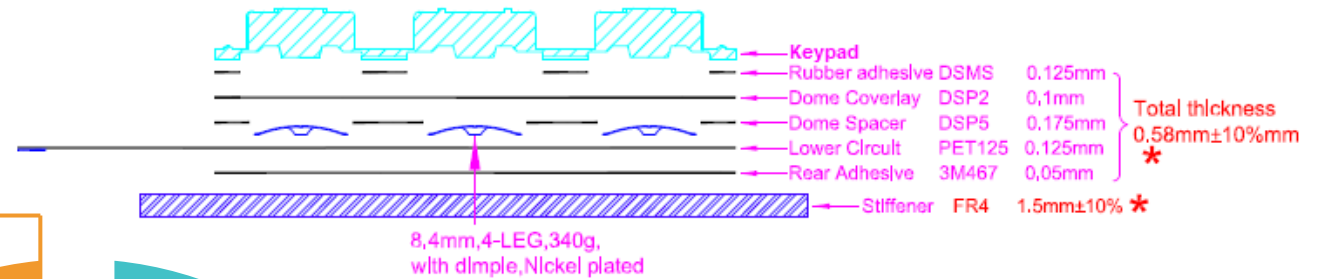
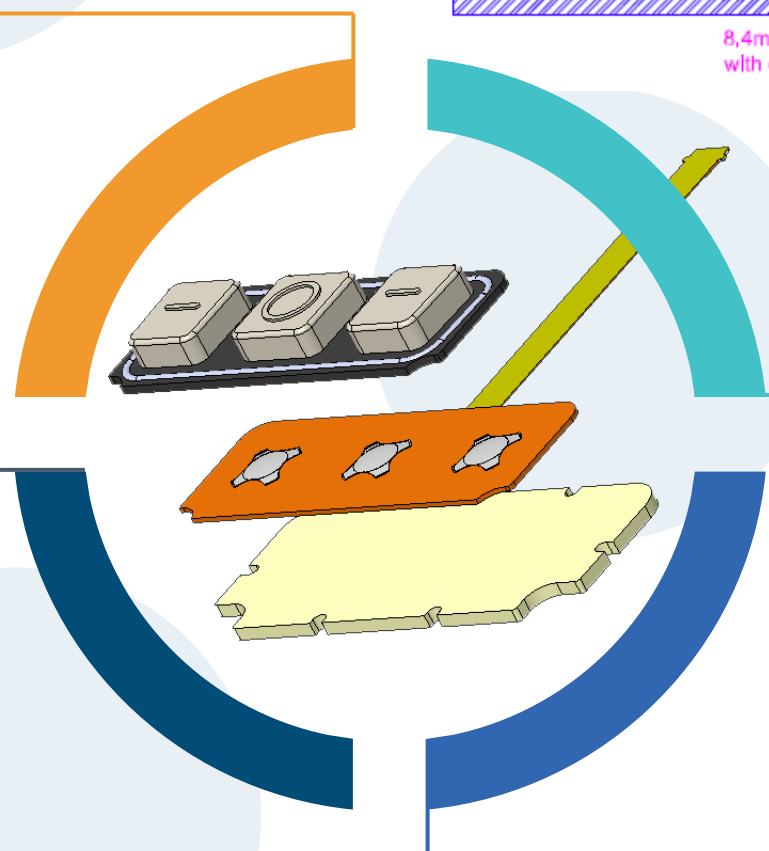
Plastic injection keycaps with textures and embossed graphics.

Silicone Rubber Pad

Rubber base molded to carry plastic keycaps by gluing.

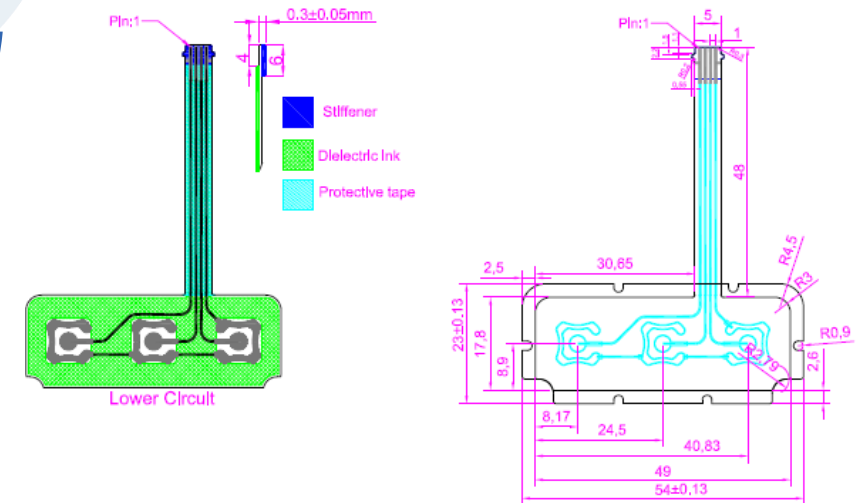
Assembly

We assemble those units either using adhesive or glue to make parts in sets. We can also provide parts in module for customers' easy assembling in further.



Membrane Switch

Membrane switches with print circuits or FPC/PCB, stacked up with proper layers as structure.





PRODUCT APPLICATION FIELDS

Quality, Services, Reputation

Industrial Equip.



Aviation / Automotive



Consumer



Medical Equip.



TECHNIQUES

Quality, Services, Reputation

Hard Keycaps

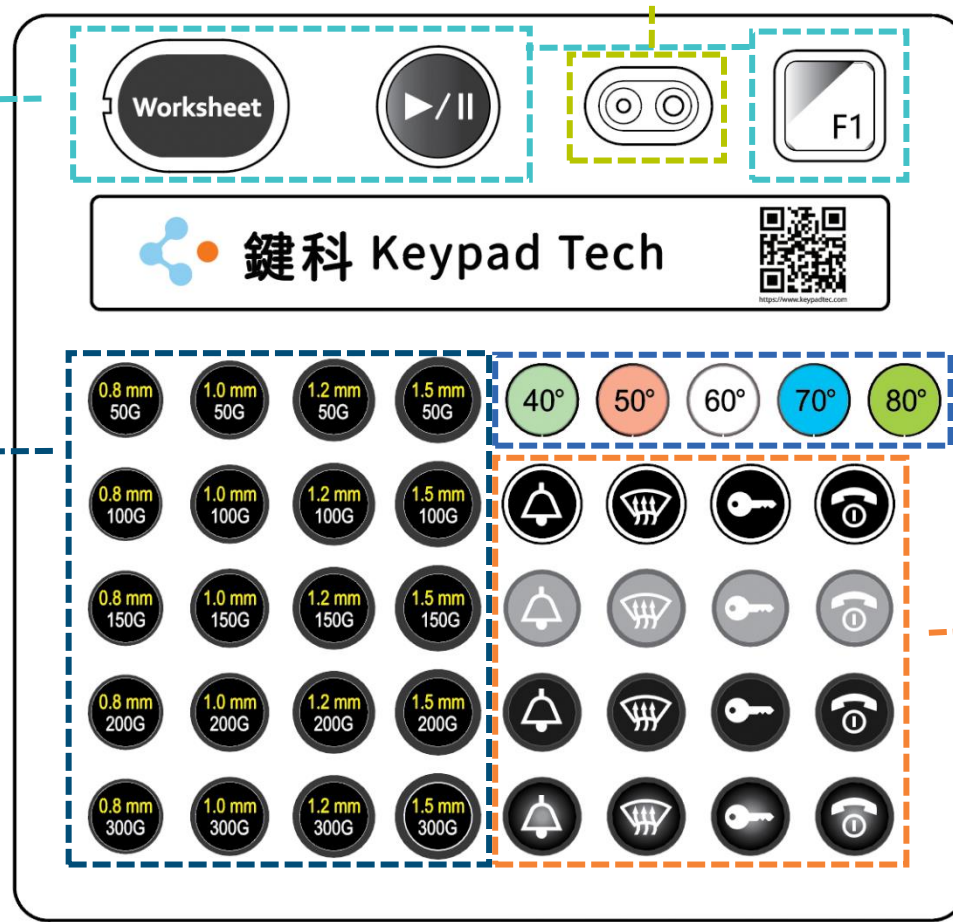
w/ several material options

Simply with PC, ABS or even SUS cosmetically with printing or painting to present different effects.

Actuations

Press force and key travel

Adjust the key travel to coordinate with the component underneath and by force setting, it brings you the different press feel in your device.



Piano Key

2 stages geometry in bounce

By geometric design, it helps piano keyboard with clear feedbacks in play.



Rubber Inserts

in different durometer options

Buttons can be built in either softer or harder durometer individually and that doesn't matter to other buttons or the whole keypad.



Cosmetic Effects

Matt or Gross ; Backlite or Graphic print

No matter which effect your device sets up, we provide several options for your choices.



EQUIPMENT / INSTRUMENT

China facility

We own the full process capability in China factory that allows us to arrange or adjust the production schedules properly to fulfill customer urgent requests.

Dept.	Equipment	Set	Dept.	Equipment	Set	Dept.	Equipment	Set
Compounding	Roller Compounding Machine	2	Painting	Automatic Cleaning Machine	1	Engineering	2.5D Measuring Instrument	1
Compounding	Material Cutting Machine	1	Painting	UV Dryer	1	Engineering	Click Life Tester	1
Molding	Compression Molding Machine	12	Painting	Corona Treater	1	Engineering	RCA Abrasion Tester	1
Punching	Flywheel Press Machine	10	Painting	Semi-Automatic Spray Coater	7	Engineering	Actuation Force Curve Instrument	1
Printing	Silkscreen Printing Machine	12	Painting	Hand Spray Station	2	Engineering	Color Deviation Instrument	1
Printing	Pad Printing Machine	2	Painting	IR Conveyor Oven	4	Engineering	Electric Weight Scale	6
Printing	IR Conveyor Oven	1	Painting	Constant Temperature Oven	6	Engineering	Manual Actuation Force Instrument	4
Laser Engraving	Laser Engraving Machine	7	P+R	Hydraulic Press Machine	3	Engineering	Calipers	7
QC	CCD Monitoring System	2	P+R	Automatic Gluing Machine	2	Engineering	Thickness Gauge	3



EQUIPMENT / INSTRUMENT

Taiwan facility

We control key processes / technologies in house to complete the products in quick and correct.

Dept.	Equipment	Set	Dept.	Equipment	Set	Dept.	Equipment	Set
Printing	Silkscreen Printing Machine	2	Painting	Constant Temperature Oven	3	Engineering	Electric Weight Scale	3
Printing	Pad Printing Machine	1	Laser Engraving	Laser Engraving Machine	2	Engineering	Manual Actuation Force Instrument	1
Painting	Semi-Automatic Spray Coater	2	Engineering	2D Measuring Instrument	1	Engineering	Calipers	1
Painting	UV Dryer	1	Engineering	Click Life Tester	1	Engineering	Thickness Gauge	2
Painting	Corona Treater	1	Engineering	RCA Abrasion Tester	1	Engineering	Durometer Tester	1
Painting	Hand Spray Station	1	Engineering	Actuation Force Curve Instrument	1	P+R	Hydraulic Press Machine	1
Painting	IR Conveyor Oven	1	Engineering	Color Deviation Instrument	1	P+R	Automatic Gluing Machine	1

CONTACT US

Quality, Services, Reputation



Keypad Technology Co., Ltd.

Address

13, Alley 21, Lane 20, Daxing Road,
Luzhu District, Taoyuan 338024,
Taiwan.

Email & Phone

Reegin Huang

Sales Manager

Email : reeginhuang@keypadtech.com

Office : +886 3 323 5075

Mobile : +886 928 866 840

<http://www.keypadtec.com>