



PITECH

Large capacitive touch panel R&D and production enterprise

About us



Established time : 2015 yr.

R&D center : Shenzhen ;

Prod. center : Hengyang,Hunan;

Company staff : 420+

Factory area : 25000m2+

Business division : four business departments (CG dept.,G-G small,middle and large size TP dept.,G-FF large size TP dept., TPM dept..)

Pitech specialize in the product research and development,production and sales of a full range of small, middle and large sizes of projected capacitive touch screen products.We integrate and set up a fast response industrial chain and become one of the large-scale outstanding high-tech enterprises in the domestic market.



staff numbers 420+



factory area
25000m2+



supply ability
15.6" 200K/mth+
21.5" 60K/mth+
32" 30K/mth+
43" 15K/mth+
86" 10K/mth+



technology&quality
engineer: 30+
QC : 40+



G dept.
G sensor /G TP



F dept.
F sensor /F TP

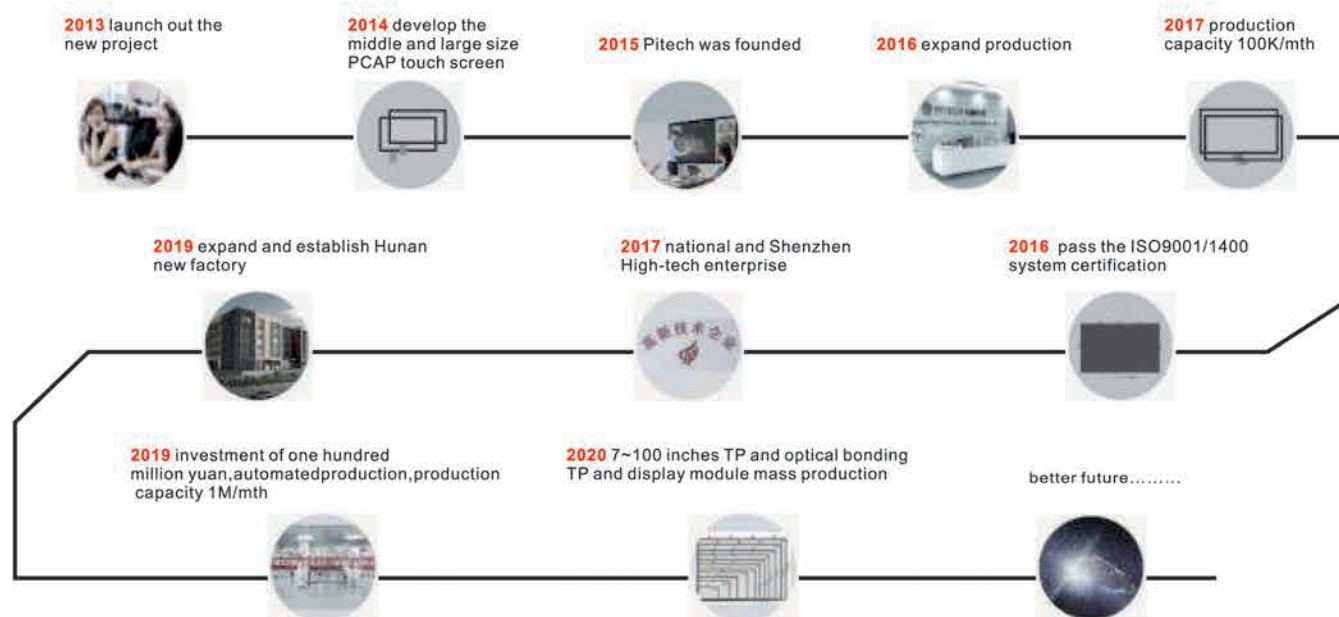


CG dept.
Cover glass



TPM dept.
TP+Module
optical bonding

Pitech development process



Corporate structure

Chairman											
General manager											
special assistant											
Administration center				Operation center					R&D center	Marketing center	
warehouse dept	comprehensive management dept	purchase dept	finance dept	GG manufacturing dept	GFF manufacturing dept	quality dept	engineer dept	PMC	R&D center	domestic market	overseas market
	logistics dept	resource	cashier	preproduction	preproduction	QA	technics	production control	R&D dept	southern China	overseas area
	human resources	purchase	accountant	postproduction	postproduction	QC	project	plan	project team	east China	Taiwan area
			auditor			inspector	equipment	material control	technical group	Xiamen area	

Manufacturing workshop



Shenzhen office : R&D,sales center.

Hunan factory : 20000m² class 1000,class 100 dust-free workshops,advanced automatic manufacturing, laboratory etc.

laboratory with various detecting and test equipments



100"constant temperature and humidity device



32"constant temperature and humidity device



thermal shock test device



100"quadratic element image machine



tensile



salt spray test machine



ball dropping test device

Product presentation

GG structure COB,COF 7"~65" projected capacitive touch screens are required with high quality to meet industrial grade,vehicle industry standard or military industry level etc,it's mainly applied in computer all-in-one machine,vehicle equipment,POS device,robot,financial device,medical instrument,gymnastical equipment,smart home appliance etc. various fields.

GFF structure COB,COF 15"~100" projected capacitive touch screens are mainly with low resistance and large size for industrial application,it's mainly applied in vehicle equipment,laptop,conference tablet,education all-in-one machine etc. fields.

TP+LCD full lamination: 7" ~86" Using OCA or LOCA to fill the air gap between the TP and LCD thoroughly, it helps to reduce the reflection between the display and the TP, makes the screen look more clear and enhances the display module structural strength.



7"~65"GG PCAP touch screen



mirror surface PCAP touch screen



home appliances PCAP touch screen



vehicle abnormality flexible PCAP touch screen



15"~100"GFF PCAP touch screen



curved PCAP touch screen



small,middle,large optical bonding touch screen and display module



super large touch screen (domestic largest bonding device)

01.GG ITO CTP

G +G structure(7"~65")

CG Most of the chemically strengthened glass and physically strengthened glass can be supplied by ourselves,some of them are from quality supply chain.

ITO We mainly choose the glass materials from the domestic brand suppliers,such as Changxing,Nanbo etc.

With fully equipped product inspection laboratory and excellent quality control system,we have strong supply ability to ensure the long-term quality supply for customer.

Product features

product structure	COB,COF
ITO brand	Changxing,Nanbo etc.
ITO thickness	0.55- 1.8mm
ITO resistance	60-90Ω/80- 120Ω
ITO technics	etching process
line width/line distance	mini 45/45

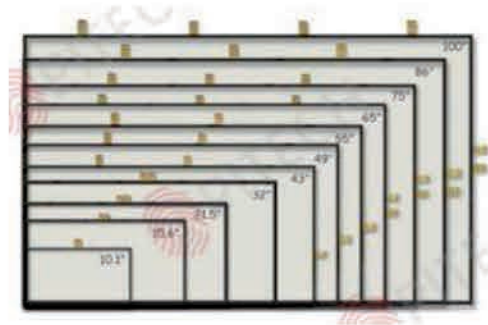
GG dept. workshop



02.GFF ITO/Nano Film CTP

GFF structure (10.1"~100")

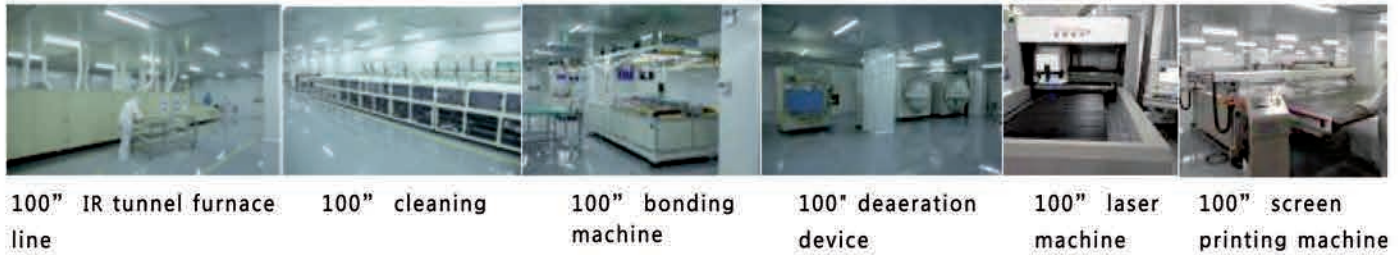
It's mainly using lower resistance ITO Film,Nano Film materials and we cooperate with brand material suppliers here and abroad.Bonding for flexible or curved touch products can be realized,production line 15"~100".



Product features

product structure	COB , COF
ITO/Nano Film	Japan,Korea,domestic brand etc.
ITO/Nano thickness	0. 1-0. 15mm
ITO /Nano resistance	25~ 150Ω
ITO/Nano technics	etch/laser
line width/line distance	mini 45/45

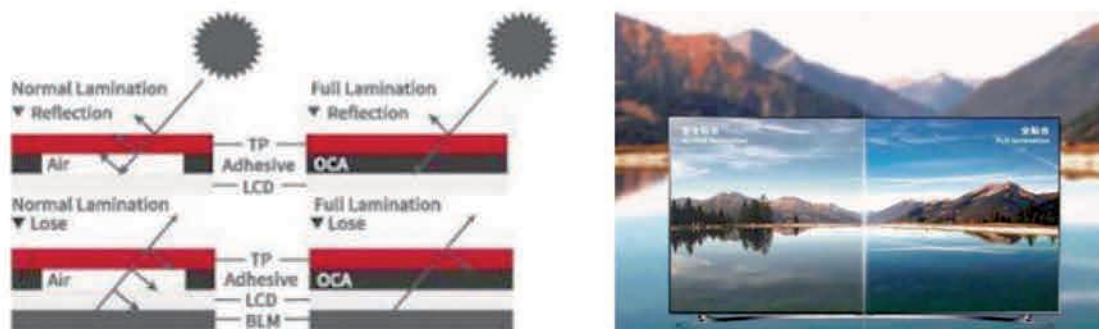
GG dept. workshop



03. Optical bonding touch screen and display integration

Optical bonding touch screen and display integration : 7"~86"

TP+OC\FF+OC、 LCM touch screen and display module optical bonding;OCA optical bonding , bonding yield $\geq 98\%$.



Optical bonding technology is using OCA or LOCA to fill the air gap between the TP and LCD thoroughly, it helps to reduce the reflection between the display and the glass, makes the screen look more clear and enhances the display effect of the screen.

PIT factory has several customized fully automatic optical bonding devices to support and improve the production for small, middle and large size optical bonding display products.

04. IC touch control solution

Touch control solution	Application	Touch Points
Goodix	consumer electronics grade	Touch Points
ILITEK	industrial grade	within 5 points
EET	industrial grade	above 10 points
SIS	industrial grade	above 10 points
Weida	industrial grade	above 10 points
other, customized	industrial grade	above 10 points

Brand clients

Goodview
视源股份成员企业 A CVTE COMPANY

Focus Media 分众传媒

TCL

BST
BEST SOLUTION & TECHNOLOGY

CHANGHONG 长虹

HYOSUNG

Tempo
FITNESS

TES

CVTE Dream-Future
视源股份 股票代码: 002841

VIOMI 云米

万利达 malata

TSI 特思达
Touch Systems & Displays

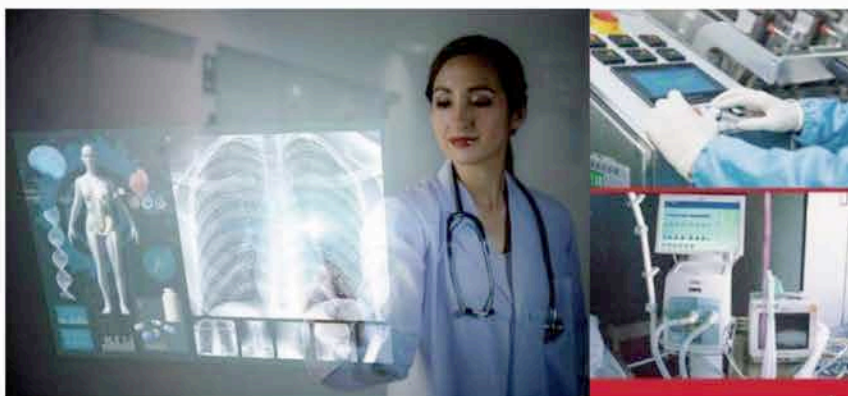
Pitech Product Ecology-Application Field

Tablet PC



Main product application:
7"~15.6", GG ITO GLASS, AG/AF CG

Industrial control & medical instrument



Main product application:
Industrial tablet, industrial display
medical instrument.
7"~32", GG/GFF, ITO, projected
capacitive touch
screen, optical bonding.

Gymnastical equipment

Main product application:

10.1"~21.5",GG,ITO, treadmill projected capacitive touch screen.

23.8"~43",GG,ITO,gymnastical equipment,magic mirror equipment projected capacitive touch screen.



Smart retail,smart financial device

Main product application:

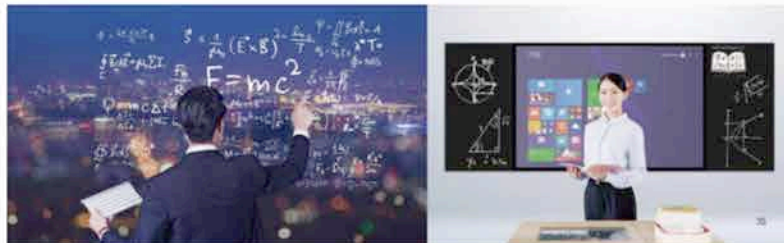
POS device,smart finance,self-service vending machine.

7"~32",GG,GFF,ITO projected capacitive touch screen,optical bonding.



Smart education

Main product application:
 Education tablet, electronic class
 card, preschool education all-in-one
 machine, smart
 blackboard, education all-in- one
 machine
 10.1"~100", GG, GFF, ITO/Nano
 touch, optical bonding.



Intelligent conference



Main product application:
 Conference tablet, electromagnetic
 capacitive all-in- one machine;
 43"~100", GG, GFF ITO/Nano
 touch, optical bonding.

Smart commercial display



Main product application:
 10.1"~86", GG, GFF, ITO, Nano
 touch, projected capacitive touch
 screen.
 10.1"~86", optical bonding touch
 screen and display integration.



Smart home appliances/TV



Main product application:

10.1 ~ 32" smart

home, GG/GFF. ITO; optical bonding
projected capacitive touch screen.

43 ~ 100" ultra-narrow edge wide
smart TV touch

screen, GG/GFF. ITO, Nano; optical
bonding projected capacitive touch
screen.



Gambling & Games Devices

Main product application:

43 ~ 100" GFF. ITO, Nano; Curved optical bonding
projected capacitive touch screen.





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