LEADTEK DISPLAY

# Shenzhen Leadtek Electronics Co.,Ltd

## LCM、TLCM Process Flow Chart

Your Reliable Touch Display Solution Partner

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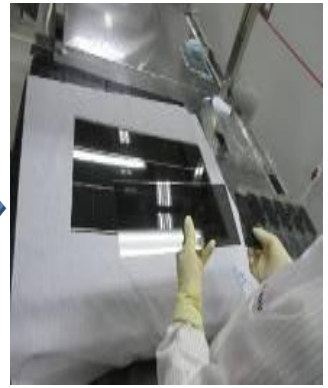
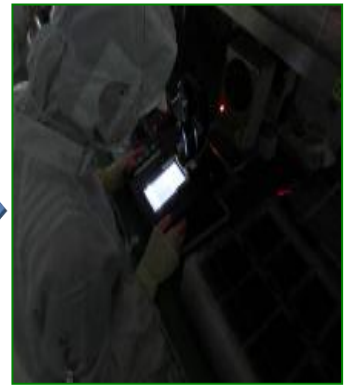
# 01 LCM Process Flow Chart

## Cutting section

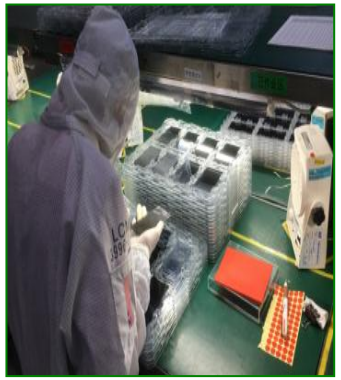
Cutting



Splinter

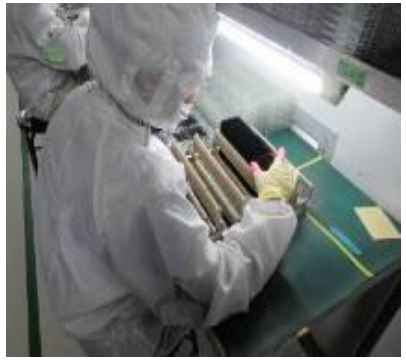


Optical glass primary electrical test



Optical glass appearance

## Cleaning section



Insert the basket

Cleaning

## Polarizer paste section

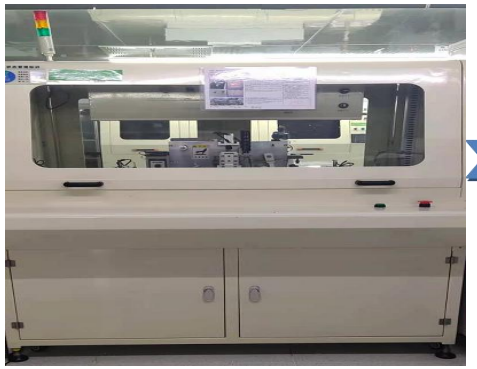
Degassing

Electrical test

Apperance checking

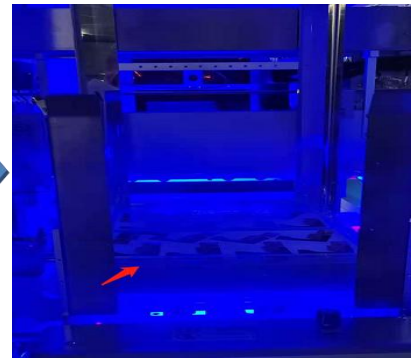
Polarizing film

# COG-FOG section



Plasma cleaning

COG Bonding

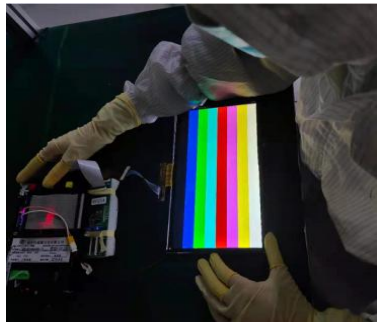


FPC feeding

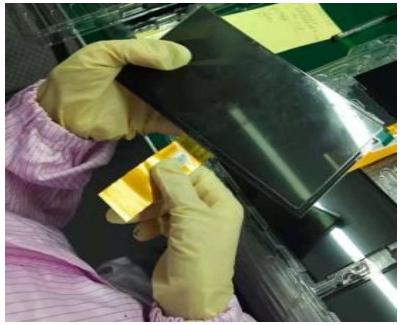
FOG bonding

Microscopic examination

Dispensing machine/first line glue/silver paste

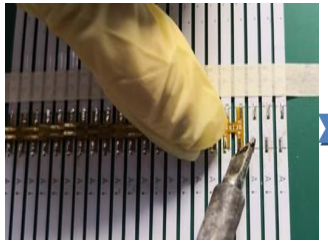


FOG electrical test

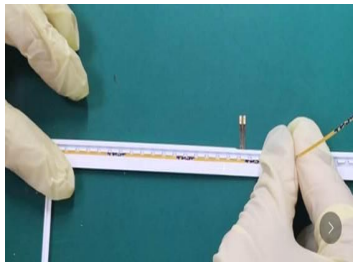


FOG appearance inspection

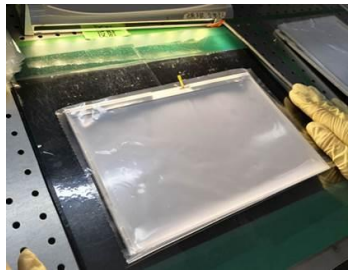
# Assembly section



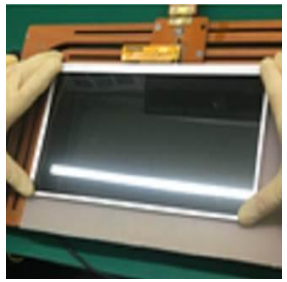
Welding light bar small FPC



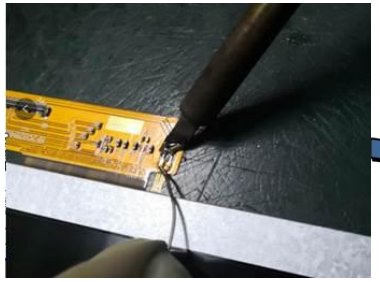
Stick light strip



Semi-finished product assembly

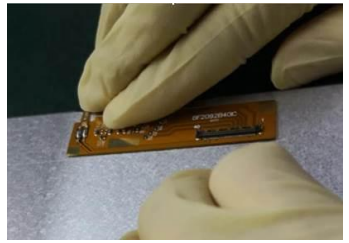


Backlight assembly

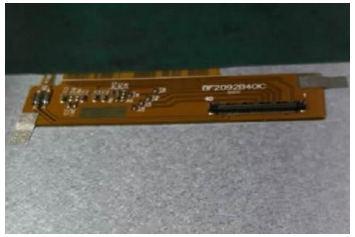


Module welding

Electrical testing

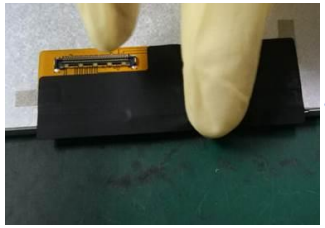


FPC bending



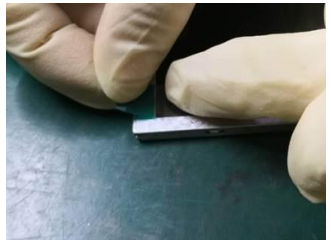
Paste conductive fabric

Paste insulation adhesive



Paste black tape

Stick barcode



Stick easy-to-tear sticker

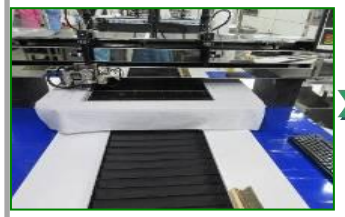
Appearance inspection

Packaging and storage

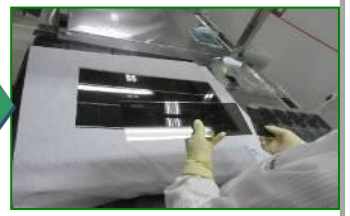
LEADTEK DISPLAY

# 02 TLCM Process Flow Chart

## Cutting and cleaning



Cutting



Splinter

Optical glass primary electrical test

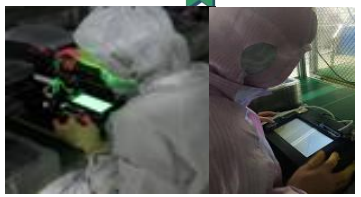
LCD Apperance checking

Insert the basket

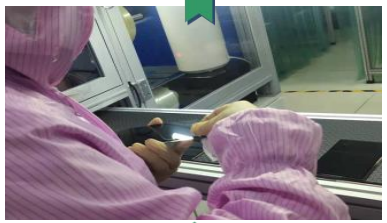
Cleaning

## Polarizing film

Degassing



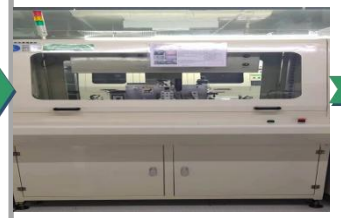
electrical test



Apperance checking

Polarizing film

## COG-FOG



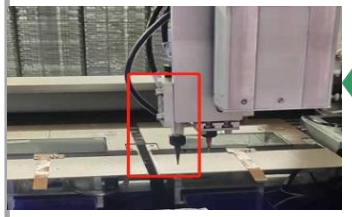
Degassing

COG bonding

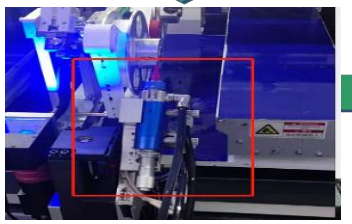
FOG bonding

Microscopic particle inspection

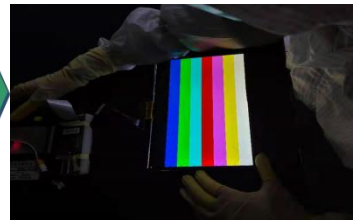
Surface adhesive coating



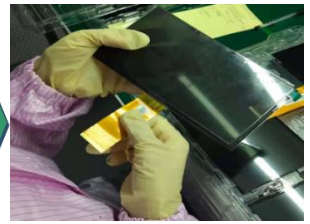
Silver paste



First line glue coating

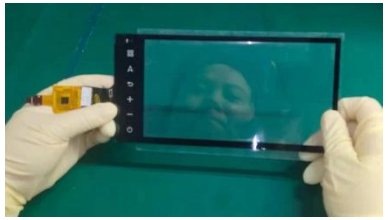


FOG electrical test

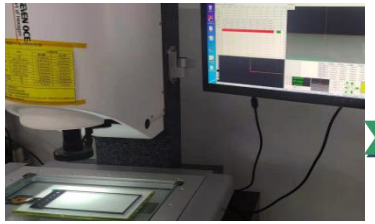


FOG appearance inspection

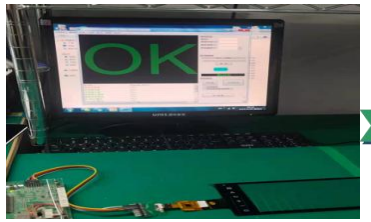
# Bonding section



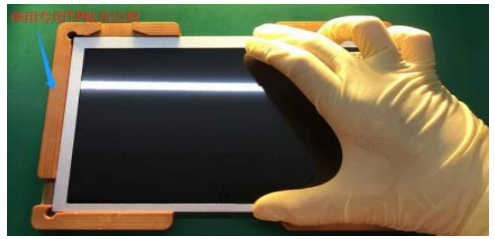
TP incoming material appearance inspection



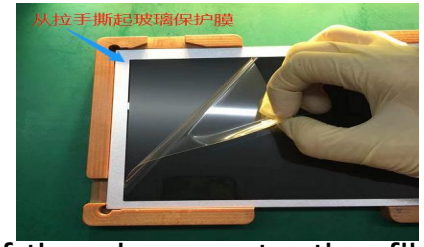
TP incoming material size inspection



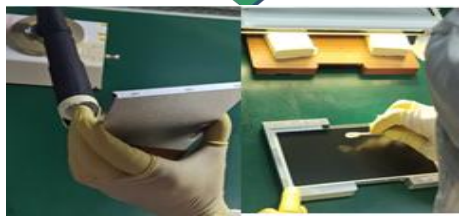

TP incoming material function check



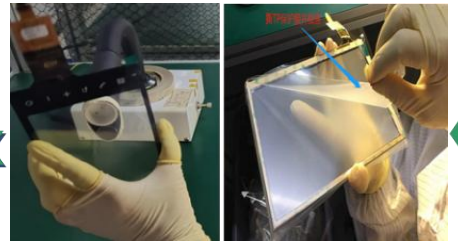
Put LCM into TP bonding fixture



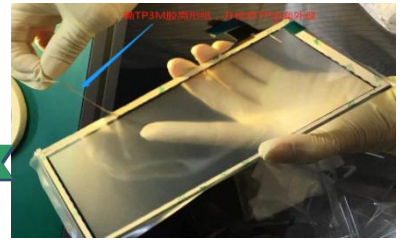

Tear off the glass protective film from the location where the easy-to-tear sticker is attached



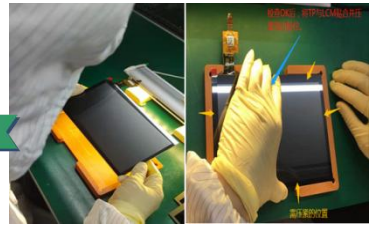
After dust removal, use a sticky stick to remove the dust spots before proceeding with the bonding operation.



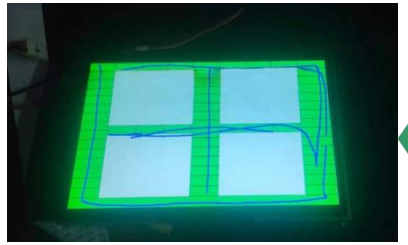
Check the TP surface and remove dust with ion air gun



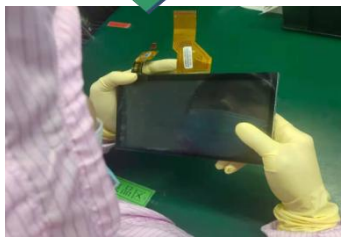
Tear off the release film of 3M adhesive on the four sides of TP



TP&LCM bonding



Finished product electrical testing



Finished product appearance inspection

Finished product packaging

Sealing and storage

# Contact Us

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# THANKS FOR WATCHING

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