Suzhou TOMY Optronics.,LTD

Display the World.....

Company profile

SUZHOU TOMY OPTRONICS CO.,LTD

Address: A4015-A4020, Building 1, No. 209, Zhuyuan Road,

High-tech Zone, Suzhou

Registered capital: USD 1 Million

2021 Annual turnover: USD 50Million

Employees: About 800 (people)

Factory: Dongguan, Guangdong Province

Business content: Design, development, production, sales and service of TN,

STN, color STN and TFT-LCM liquid crystal display modules and related

electronic products.

Application scope: instrument, medical, office equipment, information, communication, household appliances and automobile etc.

System certification: ISO 9001, ISO 14001, IATF16949 certification, RoHS and REACH certification.

Overview (目錄)



Milestone

2000 Expansion of TAB/COG/COF Lines; becoming the largest shareholder



1990 Incorporated in Taipei,
Taiwan, Wan Jiang Plant
established in Dong Guan China,
TN production line commenced

1998 Kaohsiung plant completed, ISO9001 certificated, Gaobu plant STN-in-line commenced



1995 ISO9002 Certified

Milestone





2005 The EU Green Product Assurance System RoHS certificated.



2001 Officially change our name to SGD. Acquisition of Solomon LCM division

2006 ISO/TS16949:2002 Certificated



2003 ISO9001:2000 certificated, SONY Green Partner approved (SS-000259); Financial Capital increased to US\$38 Million

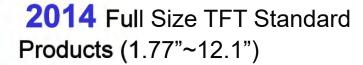
Milestone



2012 TFT SIZE 3.5"/ **4.3"**/ 5.7"/ 7", VA (Cr=800), Color TN



2007 ISO14001 Certificated





2009 Set up TFT module new production line

Vision & Mission (願景及使命)

Our Vision (我們的願景)



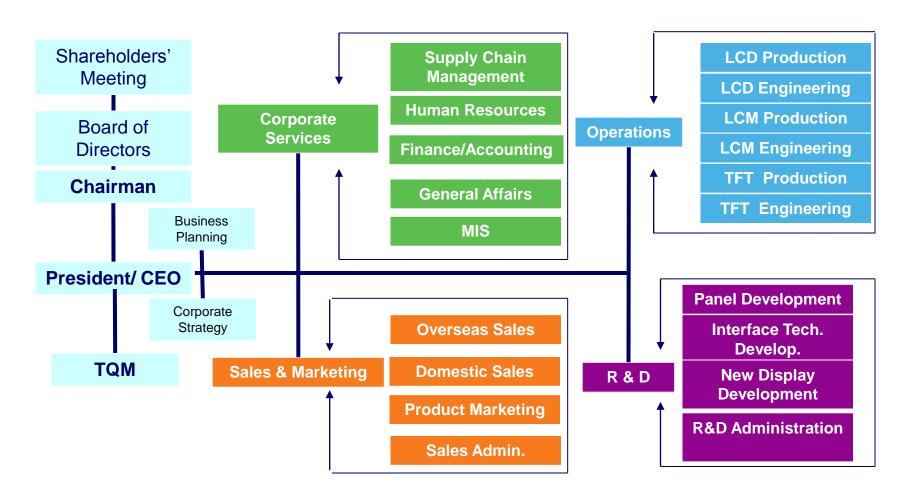
To be a leading global display manufacturer representing the best visual bridge for man/machine interface.(成爲國內中小尺LCD/LCM領導廠商,爲人機介面提供良好橋梁)

Our Mission (我們的使命)

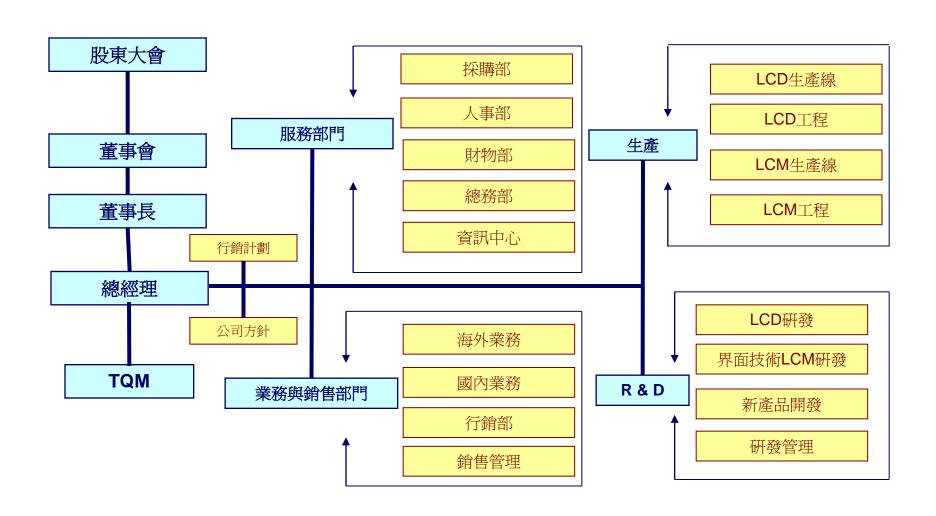
To create a value-added design & manufacturing solution for small-medium sized Flat-Panel Displays through teamwork spirit and a win-win philosophy

(爲客戶提供最優的設計及完全的解決方案,創造利潤,獲得共贏)

Organization Structure



公司組織架構



Dong Guan Plant







Total Land Space (總面積) : 110,000 M² (1,184,030 sq. ft.)

Total Structure Space (建築面積): 40,824 M² (439,425 sq. ft.)

Production Floor Space (生產面積): 17,260 M² (185,786 sq. ft.)

Clean Room Area: (無塵室面積): 5,000 M² (43,809 sq. ft.)

 LCD Panel, LCD Module lines provide flexible solutions to meet your needs

提供符合客户要求的LCD,LCM

- In 1998, STN / LCM started production First
- foreign invested full fledged LCD manufacturer in Mainland China

早在1998年, 增資投入了當時國內最先進STN LCD自動線,開始了STNLCD/LCM 的批量生產。

- 1st FL: LCM production line (COB,COG, TFT)
- 1F: LCM 產線
- 2nd FL: LCD production Line 1
- 2F:LCD 產線1
- 3rd FL: LCD production Line 2
- 3F:LCD 產線2

LCD Product Lines & Capacity

(LCD 生產力)

Product Line		Current	
14" X 16 " for	Capacity 生產力	67,200 sets 組 (30M Sq. inch)	
TN/HTN/STN/FSTN (355.6mm X 406.4mm)	Equipment 設備	1 Line (automatic) 全自動	
14" X 16 " for TN/HTN	Capacity 生產力	2 2400 sets 組 (10M Sq. inch)	
(355.6mm X 406.4mm)	Equipment 設備	1 Line (semi-auto) 半自動	





LCM Production Lines & Capacity

(LCM 生產力)

Unit: Monthly Output

單位:月產出

Process(制程)	Facilities/ Line(產線)	Output/ pieces (月產出)
СОВ	Semi-Auto / 7 Lines	300K
COG	Semi-Auto / 7 Lines Auto / 2 Lines	1,000K
ТАВ	Semi-Auto / 3 Lines Auto / 1 Line	300K
Heat seal	Semi-Auto / 8 Lines	800K
ASSEMBLY	Auto / 2 Lines	1,000K
TFT	Semi-Auto / 1 Line Auto / 1 Line	300K

TFT/LCM Product Lines & Machine TFT/LCM 重要設備



Auto COG Machine (全自動COG)



TFT Scribing Machine (TFT 切割機)



IC Bonding Machine (IC 打線)



TFT Polarizer Attachment (TFT 貼片機)

TFT Machines (TFT 機台設備)



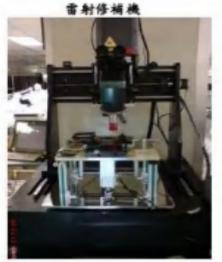
M500 ₩₩ M500 Scribing

> TFT LCD Equipment TFT 重要設備

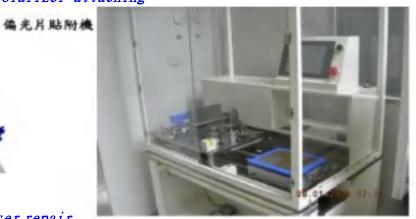




Laser repair



Polarizer attaching







TFT Products Photos

(部分產品照片)



TFT Products Photos

(部分產品照片)

3.2" QVGA





3.5" QVGA



4.3" WQVGA





Strength (我們的優勢)

1. Over 20 years professional experience in display industry (超過20年顯示器制造經驗)



- 1.Independent campus. Only TOMY is in this industrial park. (獨立的工業園,隻有TOMY一個工廠)
- 2.Mono LCD/LCM through put integration lines.

(LCD/LCM 我們都作,產品能夠整合在一塊)





TFT Scribing & Polarizer attached Machine



3.Color TFT cutting,

FOG, T/P, Assembly

through put integration
lines.

彩色TFT 從切割,貼偏光片到加 T/P 組裝等一條龍爲客戶服務

2. Quality Assurance System. (品質保証系統健全)







ISO 9001Design controlProcess Control

- DocumentControl
- Corrective action

IATF16949

- Advanced product quality planning
- Production part approval process
- FMEA & SPC & MSA
- Continuous improvement

ISO 14001

- Obey laws and regulations
- Prevent all pollutions
- Save energy consumption
- Keep Kaizen in action

3. Green Product Assurance System. (綠色產品保証系統)



		C fex authors	ortex	
Substance Name	CAS number		Concentration (%)	Ri (%)
Markes, C10-13, chloro (Short Chark Chlorospied Parather)	89335-84-8	287-475-5	N.D.	841
Arthur	126-127	384-371-1	6.0	2300
Standard 2 A Strong-markets				
(TELIN VALUE)	81-15-2	201-009-4	N.D.	11.000
Disary provides (DBP)	8474-2	201-557-6	N.D.	4.006
4 Diam redgmentmethan (SCA)	101-77-6 40-48-7	RESTA	8.0.	8.699
Bency total phinasas (889)	117-61-7	2014057	N.D.	100
Bis (3-ethytheryspothaliste) (2004F)	25637-09-67	294-251-3	5.0.	
tenderersoycledodycane (HBCDO) and at major disate-wincomers	2104-15-6	267-146-67		
stembed	(13903)14546,1340317-	321-005-0	N.D.	1.000
IN HECOD, SHECOD, VHECOD)	81-7-134237-82-61			
Substantientenier*	56-55-0	200-208-C	N.D.	5.005
Cobal dishlority	7646-79-9	291-689-6	N.D.	4.004
Districts perfection	1503-26-2	219-116-9	N.D.	100
Discussor Insurer	1327-63-3	219-481-4	N.O.	2.005
Triatty/ transator	15030-05-8	427-700-0	N.D.	
Lead hydrogen makesis*	7764-40-9		N.D.	
Sedam debromate	10689-01-0 (7789-12-0)	294-190-5	N.D.	8.006
2.4-Decrooduene	121-14-2	204-450-0	N.D.	1.005
Diseasory stimulate	\$4.69.5		N.D.	8.009
Trial2-chto-cettry/pahosphase	175-90-6	204-110-0	N.D.	
Arthrapere et "	\$3540-60-5	2965-602-7		1.050
Antropome (c), antropome people: distr. Lights *	\$1995-17-6	290-279-5		
Antimocene oil antimocene peete, professore traction."	81906-15-2	295-275-0	N.D.	
Anthogone on anthogone by "	10540-62-7	252-604-6		
Arthurson or advisores dates."	10110-81-8	210-103-2		
Coal or pitch, righ temperature "	65696-03-2	269-009-2	4.5.	1.450
Auminositicate Pletractory Geramia Fibres *	850-017-00-8 (Index 4o.)		NO	600
Zirpama Asuminosificate Pletisetory	960-017-00-8		N.O.	E.005
Caractic Fibres*	(Video mr.)			
Lead subscriptmeds yellow (C.I. Pigmeni Yellow 34)*	1344-37-2	210-010-7	NO.	9 0005
Lead disprise malythore suphise red (C.). Figurest Red 164)*	12658-85-8	205-750-0	N.D.	5.000
Lead chromate"	7758-97-0	231 845-0	14.0	8.005
Acyprosit	79-09-1		54.00	1.03





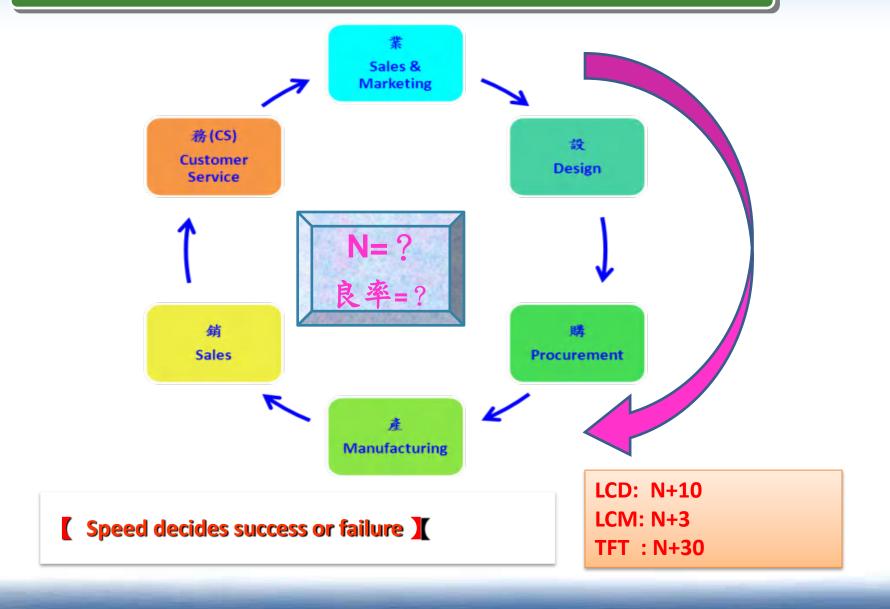


SGS-SVHC passed Concentrations of SVHC are<0.1%(w/w)



SGS-ROHS passed Pb/Cd/Hg/Cr/PBB/PBD are not detected. (< MCL)

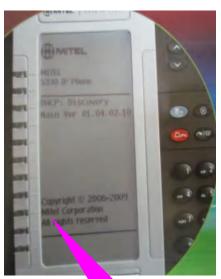
4. Oracle MRP System (MRP Oracle 系統管理)



5. Strong R&D engineering team (強大的研發團隊)







1/160 Duty About 100 R&D engineers. (約100個工程師)

Lead 3D glasses display products. (3D 產品先驅者)

Glasses-free 3D displays are already mass produced. (裸眼3D 顯示器 已進入量產階段)

We can provide VA,3D,LCM,TFT,etc. which you needed. (我們可以根據您的需要提供任何VA,3D 眼鏡顯器,LCM,TFT產品)

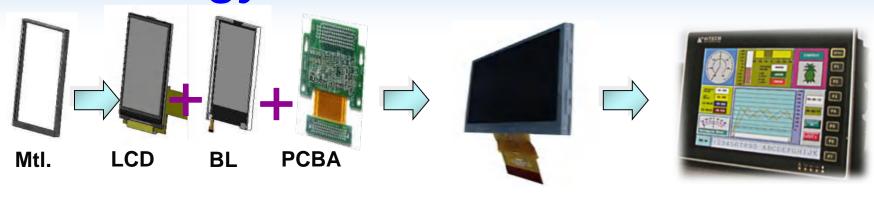




1/4Duty VA

Technology & Products

(產品和技術)



Materials

ITO Glass
Liquid Crystal
Polarizer
Backlight
Driver IC
Color Filter
FPC
PCB
Metal Frame

LCD Products (VA,3D)

STN

FSTN

DSTN

DFSTN

FS-LCD **LCM Process**

COB

COG

TAB

SMT

Color TN

TFT

3D Glasses
Applications
Consumer

Automotiv

e

Communi cation

IA/HA/OA

Industrial

TOMY Display Applications(產品應用)

Medical Devices







Consumer Products









3D Glasses









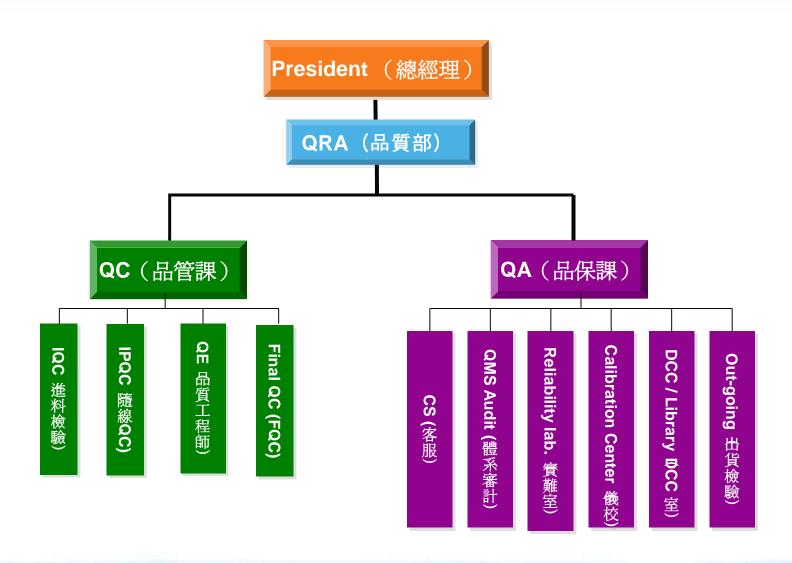


Information Appliance

Industrial Control

Communication Device

Quality Management Chart



Customers Reference (客戶群)

































SIEMENS















vtech

ORITRON



英業達Inventec

wistron







America Europe Asia Greater China

Marketing Network 銷售網絡

(Welcome to join us 歡迎加入我們)



Sales Partner

Business Office

Logistics Center

Manufactory

