

# INDUSTRIAL DISPLAY MONITORS

Thomas Electronics, is a Australia's largest display electronics support centre and provides repairs and replacement service.

- LCD monitor test and repair
- CRT monitor test and repair
- In Warranty monitor repairs
- Out of Warranty monitor repairs
- Through life support
- Replacement LCD panel parts
- Parts obsolescence management
- Replacement LCD monitor solutions



## Industrial Displays

- Oil and gas industry displays
- Petrochemical industry displays
- Process industry displays
- Mining industry displays
- Food processing Industry displays
- Manufacturing industry displays

## LCD Monitor Repair Services

### LCD Monitor Repairs

- LCD Monitor fails to operate
- LCD Monitor backlight fails
- LCD Monitor missing pixels, rows & columns
- LCD Monitor discolouration
- LCD Touchscreen faulty

### LCD Monitor Faultfinding

- Engineering Assessment of Monitors
- Faultfinding and troubleshooting
- Replacement parts sourcing
- Repairs and testing
- Final test and documentation control
- Repairs by qualified technicians
- Large repair turnaround capacity

## LCD Panel Repair Services

### LCD Driver TAB Repairs and Replacements

- TAB Bonding Repairs
- TAB Replacements
- Microscopic TAB alignment

### Polarizer Removal and Replacement

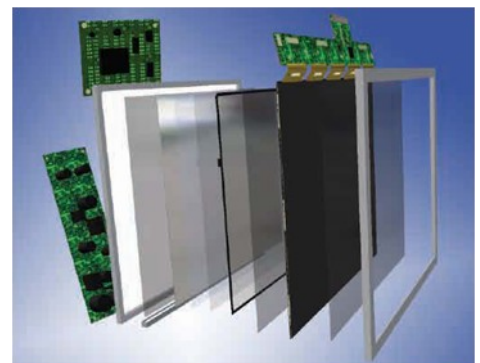
- LCD Polarizer Replacement
- Restore LCD panels to new condition

### Backlight Replacement

- CCFL repair replacements
- CCFL inverter repairs or replacements
- LED back light repairs

### LCD Panel Test

- Final testing



## Test and Repair Facilities

- Fully equipped Engineering Design Laboratory
- Fabrication, Testing Final Inspection Workshop
- Class 3500 & 3.5 Clean Rooms
- ESD Controlled Workshops
- PCB soldering & assembly workstations
- Mechanical assembly workshops
- Secure warehousing

## Documentation Control

- Documentation and work instructions control
- Data systems for repair work tracking
- Data Reporting and Inspection Data Metrics
- Non-conforming product material controls
- Electrostatic Discharge (ESD) Controls
- Warehouse & Parts Inventory Controls
- Receiving Controls and Outgoing Inspections
- Standard trouble shooting processes
- Control of No Defect Found
- Repair Documentation
- Repair Data Collection Metrics



## Logistical Support Services

- Customer service calls management
- Australia wide coverage
- Spare parts management
- Buffer stocks management
- Returned Material Authorization (RMA)

## Quality Management System

- ISO 9001 approved.
- Repair Facility, subject to ongoing audits
- Continuous Improvement via LEAN, 5S and 6 Sigma.

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