

VIASYSTEMS SHENZHEN

Electro-Mechanical Solutions



VIASYSTEMS SHENZHEN

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CERTIFICATIONS

- ISO 9001:2008
- ISO 14001:2004
- TL9000-H R4.0 / R4.0
- ISO/TS 16949:2009

CORE COMPETENCY

- Specialists in high quality system integration, including precision metal fabrication, PCBA and BPA and system level testing
- Program and Project Management
- Engineering Design/Value Engineering/DFM
- Sourcing at Global, Region, Site levels

MANUFACTURING FACILITY KEY DATA

- Manufacturing Floor Space: 286,000 square feet
- Advanced Metal Fabrication Equipment
- High Performance Coating & Painting Line
- Customer-tailored Assembly Lines
- ICT & FCT Test
- High Voltage Cabinet Burn-in Test
- RoHS Compatible and Compliance

DESIGN SOFTWARE

- ProE
- SolidWorks
- AutoCAD

MANUFACTURING CAPABILITY

- Precision Metal Fabrication
- Electro-Mechanical Assembly/Integration
- Heat Management Solutions (Supported by Shanghai)
- Back Plane Assembly (BPA)
- Full System Integration and Test
- Printed Circuit Board Assembly (PCBA)
- Copper Bus Bar Manufacture

ENGINEERING CAPABILITY

- Extensive Electro-Mechanical Design Capability
- Extensive Value Engineering Capability
- Dedicated NPI Facility/Equipment
- Proven NPI Capability/Process

METAL FABRICATION EQUIPMENT

- Shearing Equipment (QTY: 1)
- CNC Turret Punch Machines (Finn-Power) (QTY: 7)
- Roller Leveling Machine (QTY: 1)
- GrindMaster Machines (Wet/Dry) (QTY: 2)
- Bending Machines (Amada/Other) (QTY: 9)
- Stamping/Press Machines (QTY: 8)
- Insert Machines (Haeger) (QTY: 3)
- Spot Welding Machines (QTY: 2)
- Welding MiG/TiG (Fronius/Other) (QTY: 12)
- Stud Welding Machines (QTY: 2)
- Drilling/Tapping Machines (QTY: 10)
- Powder Coating System (QTY: 2)
- Zinc Phosphate Pre-treatment System (QTY: 1)
- Milling Machines (N-3M, 380v) (QTY: 3)
- CNC Wire Cut EDM (QTY: 2)
- Inverter AIR Plasma Cutting Machine LGK-70 (QTY: 1)
- Lathe Machine (QTY: 1)
- Auto-grinding Machine for NCTP Tooling (QTY: 1)

Shenzhen

BACKPLANE (BPA) & PRINTED CIRCUIT BOARD ASSEMBLY (PCBA)

- Solder Silkscreen Machine (QTY: 9)
- SMT Line Large Format 20"x24" (Quad QSV-1) (QTY: 1)
- SMT Line (Fuji FCP-6) (QTY: 5)
- SMT Line Fuji IP-III (QTY: 3)
- Lead Free Reflow Oven (BTU 150) (QTY: 2)
- Lead Free Wave Soldering (JT WS-350PC-B) (QTY: 1)
- Solder Paste Height Tester CYBER OPTICS (QTY: 2)
- Wave Soldering Machine (QTY: 3)
- Reflow Oven (QTY: 7)
- GSM Platform GSM2 IC Mounter (QTY: 2)
- Cleaning Machines (Ultrasonic/DI Water) (QTY: 2)
- Press Fit Machines 6T (ASG) (QTY: 2)
- Arbor Press (manual) (QTY: 1)
- TTI Testing Machine (TTI3400) (QTY: 1)
- ICT Tester (HP3070) (QTY: 1)
- ICT Tester (TR518) (QTY: 4)
- AOI Machine (A480/VT9300E) (QTY: 1)
- Temperature Cycling Chamber (ESPEC/Horad) (QTY: 1)
- Components Cutting Machine (H3.5/PL110A) (QTY: 1)
- Components Forming Machine (PL-108M) (QTY: 1)
- PCB Separator (Maestro/Autotech) (QTY: 2)
- Oscilloscope (HP 54616C) (QTY: 2)
- XRF for RoHS (Hand Held) (QTY: 1)
- X-Ray Inspection System (MFIS090) (QTY: 1)
- BGA/SMT Rework System (QTY: 1)
- Profiling KIC 2000 (12-channels) (QTY: 1)
- Auto SMT Stencil Rinse Machine SCPL-1 (QTY: 1)