

VIASYSTEMS SHANGHAI

EMS



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No. 188 Viasystems Road West
Development Area Nan Xiang Town
Jia Ding, Shanghai
201802 PR China
Tel: (86-21) 6917-9000
Fax: (86-21) 6917-9440

CORE COMPETENCY

- » Design and Manufacture of Electro mechanical & enclosure solutions
- » Precision Metal Fabrication
- » Assembly of Metal Enclosures
- » Back Plane & Shelves Assembly
- » Full System Integration & System Test
- » Dedicated NPI Facility
- » Extensive design capability
- » Extensive value engineering capability
- » Printed Circuit Board Assembly
- » Proven NPI Capability/Process
- » COPPER BUSBAR MANUFACTURE

MAJOR EQUIPMENT - ENCLOSURES & RACKS

- » Shearing Equipment – 1 Komatsu SHS4
- » NC Punching Equipment – 5 Amada Vipros 358Q
 - 1 Amada Vipros 358K
 - 1 Amada Vipros 255
 - 2 Finn-Power A5/25
 - 1 Finn-Power SG6
 - 1 Finn-Power A5-20-SB CNC
- » CNC Busbar Press – 1 JFY MC40
- » Water Jet Cutter – 1 DARDI DWJ1525-FB
- » Press Machine – 1 200T Press
 - 1 150T Press
 - 1 65T Press
 - 1 35T Press
- » Bending Equipment – 5 Amada RG-100
 - 4 Mebusa 65-25
 - 1 YAWEI PBB250-3100
- » Surface Treatment – 1 Gema Automatic Powder Coating Line
 - Including pre-treatment
 - 1 Alodine Dip Process for Aluminum pre-treatment
 - 1 Sandblasting machine LS9060A
- » Welding Equipment – 1 Welding Robot YASKAWA MOTOMAN-SSF20
 - 5 Fronius TPS330
 - 2 Fronius TPS4000
 - 5 Fronius TPS2500
 - 4 Panasonic YD200
 - 4 Panasonic YC300
 - 2 ARC stud RSN-800
 - 1 SEWM-SO432NT-8A
 - 2 Panasonic YR-500
 - 1 Panasonic D(T)N-70TSMI(YR-700C)
 - 1 SANREX INV TIG TA-300TP-3
 - 2 SANREX INV TIG TA3003 TP-T4
 - 1 CEMSA ROOF450 (Semi-Auto) spot welding
 - 1 Aluminum spot welding WL-SZ-3x150K
- » Grinding Equipment – 1 Dry Widebelt grinder Timesaver 137-1HPM
 - 1 Wet Widebelt grinder Jonsen SG360-WJS
- » Insert Machines – 4 Heaeger 824-WT
 - 1 Heaeger 618
- » Coordinate Measurement – 1 Browne & Sharpe Scirroco Slant Bridge Machine

KEY DATA

- » 430,000 square feet
- » Advanced Equipment
- » High Performance Coating & Painting Line
- » Customer-tailored Assembly Lines
- » Large Format SMT lines
- » High Speed Continuous Flow SMT Lines
- » ICT & FCT Test
- » High Voltage Cabinet Burn-in Test
- » RoHS Compatible and Compliance

CERTIFICATIONS

- » ISO 9001:2000
- » TL9000-H R4.0
- » ISO 14001:2004

DESIGN SOFTWARE

- » ProE
- » SolidWorks
- » AutoCAD
- » Flowtherm
- » UG NX
- » CAM350

MAJOR EQUIPMENT - ELECTRONIC ASSEMBLY

» SMT Line 1	- 1 Screen Printer - SMT 2444BAM 24"x44"/2444BAM/1879 - 1 Pick & Place Quad QSV-29"x24"/ QSV-W/SE3689 - 1 Reflow Oven Conceptronics Profile 117™	» Testing	2 TTI 3400 0.10 44160DOT/TTI3400,44K/ 001147 - 1 HP3070 ICT Tester - 1 Robot Backplane Tester S1 1 Teradyne, Spectrum 1280DOT/ SPECTRUM8852-197 1 ECT, Scorpion HV90 (8192 points) - 1 ICT360AT - 1 SPEA4040 Flying Probe Tester 1 Ionic contamination tester 18"x20"/ ZI-100A 1 Agilent 8753ES Network Analyzer 30KHZ-3GHZ/8753ES/MY40001181 - 1 HP8754 Network Analyzer - 1 High/Low Temperature Testing Chamber ESPEC ENZ42-22CW RoBAT S1
» SMT Line 2	- 1 Screen Printer MPS AP-25 - 1 Pick & Place FUJI FCP-6 - 1 GSM-2 UNIVERSAL - 1 Reflow Oven CONCEPTRONICS HVC 102		
» SMT Line 3	- 1 Screen Printer MPM UP2000 - 1 Pick & Place FUJI FCP-6 - 1 FUJI IP3 - 1 Reflow Oven Nousstar-10020N2		
» Wave Solder	- 1 Technical Devices Nu/Era MP24" - 1 SUN EAST SUN2000SS - 1 Nousstar NS-TW-350N2	» Others	- 1 Components cutting machine H3.5/ PL110A - 1 Components forming machine PL-108M - 1 PCB Upper circular blade maestro, PCB Separator maestro 2m - 1 HP E4430 Signal Generator HP E4431B - 1 HP8560A Spectrum Analyzer - 1 HP 54616C Oscilloscope HP 54617C
» Cleaning Machine	- 1 TREK Industries Inc. T4/999/8444D - 1 TREK Industries Inc. T4/796/36D/587D - 1 UNITDESIGN ABC-3500 26"x26", 6P-T/ ABC-3500/3026N - 1 Ultrasonic cleaning machine: QWS-Q1018	» Audit Inspection	- 2 LSM300 - 1 Mantis Vision - 1 MFIS 090 X-ray Inspection System BGA/SMT Rework System\ - 1 ERSA 1R 550 A - 1 Datapaq
» Fastech	- 1 Cutting machine: 7T/DANLY7T/ 6VSDA1008 - 1 Cutting machine: 7T/DANLY7T/ 6VSDA830 - 1 Fastech testing machine 4040	» Profiling	
» Press Fit Line	- 2 ASG Press machine: AEP-12T - 2 ASG Press machine: MEP-6T - 4 Arbor Press (manual)		
» Conformal coating	- 1 Coating machine S-940		