



synchronics



Bringing Your Instruments Back to Life



Industrial Electronics Repair Experts

Celebrating 30+ Years of Instrument Repairs: 80,000 and Counting!

INDIA 
Synchronics Electronics Pvt Ltd
4th Floor, Lotus Enora,
New Alkapuri, Gotri, Vadodara
390 021, Gujarat (INDIA)

REACH US
+91-704-308-4455 +91-704-309-4455
+91-265-400-1555 +91-265-356-1183
email@synchronics.co.in
www.synchronics.co.in



Synchronics Advanced Repair Lab and Team of Experts

Dear Valued Customer,

Welcome to Synchronics. As our founder, Mr. Sudhanshu Purandare, envisioned, we have become a premier provider in industrial electronics repair, specializing in revitalizing instruments deemed irreparable and innovating solutions for obsolete technologies. Our facility is equipped with over 130 sophisticated workstations and custom test rigs, and we maintain a vast inventory of over 2 million components to ensure rapid and effective service.

Our commitment is demonstrated by our ISO9001 certification and the use of advanced ERP software to manage all aspects of our operations transparently and efficiently. We not only repair but also conduct comprehensive root cause analyses to prevent future failures, all while maintaining our foundational values of honesty and trust. Thank you for choosing Synchronics as your trusted partner in maintaining the highest standards of service and reliability.

Sincerely,

Parimal Purandare
Managing Director
Synchronics

Bringing Your Instruments Back to Life



Core Lab

The Heart of Our Repair Operations



HMI



AC / DC
Servo Drives



SMPS



PLC's



CNC
Machines



Industrial
Computers



Testing
Diagnosing



Process Controls

Repair Process

Streamlined Success
Our Strategic Repair Protocols

PHASE
01

INWARD

- Instrument is received and logged in our system
- Each instrument is having unique JobID (Barcoded)
- Client Details entered in the system
- Automated Mails are sent to client with Job ID

PHASE
02

ASSESSMENT / ESTIMATION

- Instruments are evaluated by technical team
- Needed repair parts list is produced
- Quotation is generated from System to customer
- Submitted for customer approval by email / Phone call

PHASE
03

REPAIR PROCESS

- Approval received from customer
- Job is added to repair queue based on priority
- Technician is assigned to repair the unit
- Detailed Photographs of instrument is taken at all repair stages
- EPROM Data / Memory Backup carried out as required
- Component level troubleshooting and assessment looks for electronic signatures to determine functionality level and performance.

PHASE
04

TRACING / REVERSE ENGINEERING

- The Main USP of our company is Reverse Engineering Processes
- The Schematics are prepared by experts which helps in repair process.
- Technicians repairing the instruments use these schematics while repairing it.

PHASE
05

TESTING & SIMULATION

- We have various test stations designed for various instruments
- Load testing and simulations are carried out on the repaired unit
- Repair process is completed after testing the unit.
- Proper cleaning of the unit is carried out to remove degreasing and oil traces from the instrument.
- Industry standard packing material is used to pack and ship the material

PHASE
06

PACKING & FORWARDING

- Final PreShipment QA is done by team before dispatching
- Documents such as Gatepass / Permits / Invoices are placed with shipping boxes.
- Shipping Details are emailed to customer and tracked by our team.



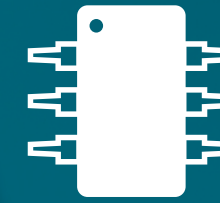
DOCUMENTATION

Step by step documentation of Gatepass, Work Orders, Service Reports are scanned and stored in our portal



FAST TURNAROUND

We understand every minute of breakdown in the company costs thousands of dollars, that is why we provide fast quality repairs.



HUGE INVENTORY

We maintain a Huge Inventory of Components of various types which reduces the repair lead time



WEB TRACKING

Each instrument is assigned unique number and its status can be tracked online through our Portal.



EXPERIENCED TEAM

Dedicated, Highly-skilled staff of technicians and engineers with combined experience of over 100 years.



ONLINE SUPPORT

Our dedicated support and sales team are available on Phone and Mails and quick replies and solution to your questions



TEST EQUIPMENTS

We have state of the art equipments and gadgets to repair the complex boards and instruments.



RUSH REPAIRS

We realize that time is money. Every minute your industrial equipment isn't operational, you're losing money. We work hard to ensure you receive fast, efficient, quality repairs.



WARRANTY

All our repair work is backed by our Industry Standard Warranty of 6 Months.



SAVE UPTO 70%

We quote the repairing charges based on the costs of repairs that have been estimated and/or completed by us in the past or after evaluating the instrument physically at our works.



SCHEMATICS

Over the years, we have managed to prepare schematics of over 14,000 instruments by reverse engineering and have in-depth knowledge of PCB's.



HONESTY & TRUST

We take utmost care and follow all the industry standards to protect and fix the faulty unit and use genuine components to repair the unit.

Process-Driven Success

The Advantages of Our Expert Repair Services

Industries We Serve

INFRASTRUCTURE

- Agriculture
- Air transportation
- Engineering and research
- Government services
- Heating and air conditioning
- Hospital and health services
- Distribution services
- Measurement equipment
- Ports and shipping
- Railroad transportation
- Recreation and amusement
- Transportation equipment
- Warehousing

DISCRETE MANUFACTURING

- Aerospace
- Apparel manufacturing
- Automotive
- Electrical manufacturing
- Electronics manufacturing
- Furniture manufacturing
- Machinery manufacturing
- Printing and publishing
- Textile manufacturing

All of these and More!

PROCESS CONTROL

- Bottling & Canners
- Chemical manufacturing
- Electric power distribution
- Food processing
- Gas pipeline/gas distribution
- Mining
- Oil and gas extraction
- Petroleum refining
- Plastics manufacturing
- Primary metal industries
- Pulp and paper
- Steel, Stone, clay, glass
- Tire and rubber

Sector-Specific Services



Fostering Growth: The Wide World of Industries We Engage

PCB Reverse Engineering

Crafting Schematics from Hardware



Deconstructing Circuits



PCB Reverse Engineering: Crafting Schematics from Hardware

Inventory Boosts Repair Efficiency

From critical components to specialized parts, our extensive inventory ensures that we have what you need, when you need it. Say goodbye to delays and downtime with our comprehensive stockpile at your service



Over 2 Million Parts Stocked



Inventory Mastery: Your Industrial Electronics Solution Starts Here

Bespoke Testing: Elevating Repaired Unit Assurance

Our bespoke test rigs are tailored to perfection, ensuring rigorous testing of every repaired unit. With meticulous design and engineering, these custom solutions guarantee the accuracy and reliability of our repair services, delivering peace of mind to our clients



Reliability across the board



Comprehensive Testing Solutions: From Drives to SMPS, We've Got You Covered

150 + Repair Workstations

Our repair workshops are equipped with state-of-the-art workstations, setting the standard for excellence in repair services. Featuring world-class repair tools and a multi-monitor setup, our technicians have the resources they need to diagnose and fix issues with unparalleled precision and efficiency. Experience the difference of advanced repair technology, delivering superior results every time.

Next-Level Repairs



Precision Workstations: Redefining Repair Standards

80,000+ Instruments Repaired

30 Years of Industry Experience

Our state-of-the-art laboratory stands as the pinnacle of repair excellence, equipped with the latest in technology and infrastructure. With a track record of repairing over 80,000 instruments, our facility is a testament to our commitment to precision and quality. Trust in our cutting-edge laboratory to breathe new life into your industrial electronics, ensuring peak performance and reliability for years to come.

Revolutionizing Repairs:
Step into Our State-of-the-Art Lab



80,000+

INSTRUMENTS
REPAIRED

10,000+

MANUFACTURERS
SERVICE PROVIDED

14000+

PCB SCHEMATICS
IN OUR LIBRARY

2000

CLIENTELE
WORLD WIDE

2 MILLION

COMPONENTS
INVENTORY



Setting the Standard:
Our State-of-the-Art Repair Facility



Empowering Engineers Advanced Tech Training Program

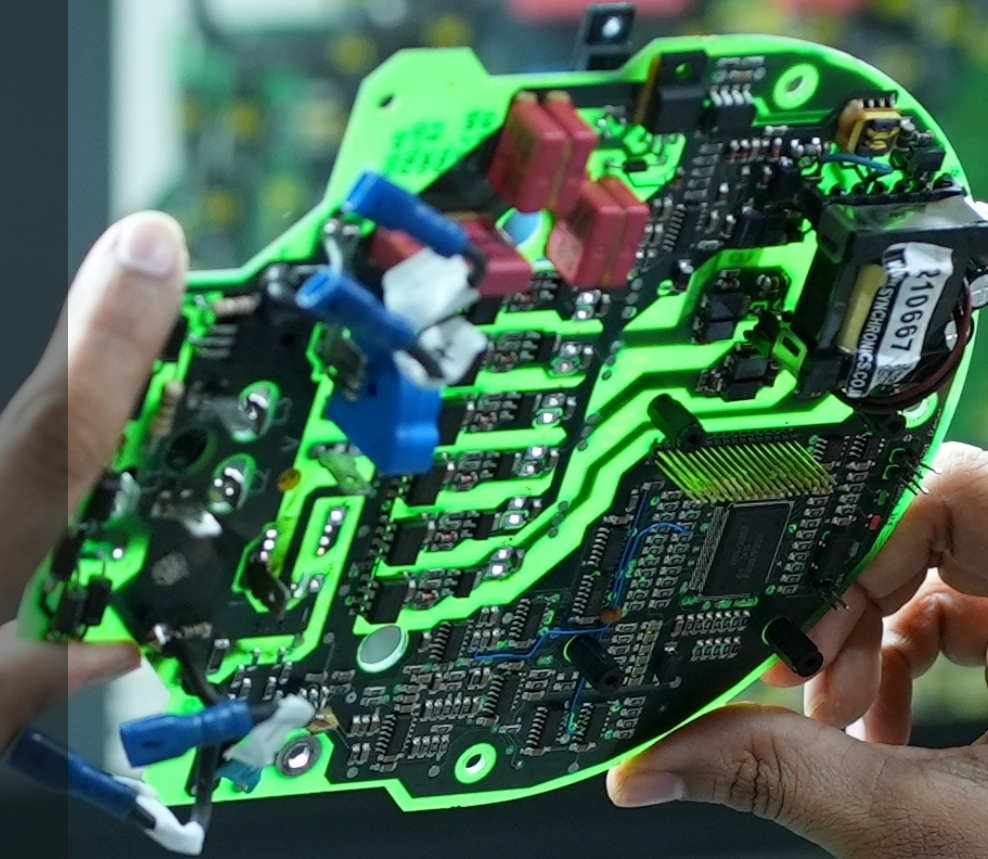
At our facility, we prioritize the continual growth and development of engineers by offering comprehensive training in the latest tools and technology shaping the industry landscape. From hands-on experience with cutting-edge equipment to immersive workshops on emerging trends, we ensure our engineers stay at the forefront of innovation, ready to tackle any challenge with confidence and expertise.

Are You an OEM?

Choose Synchronics 

Your Authorized Service Center Partner in India

Partner with Synchronics to enhance your operational efficiency and customer satisfaction in the Indian market. With over 30 years of experience in electronics servicing, our expert team offers local, professional repair and maintenance services that align with global standards. We handle everything from warranty issues to urgent post-warranty repairs, allowing you to concentrate on sales and business expansion. Whether it's government contracts or private sector deals, **Synchronics is your reliable local service support partner in India.**



- **Expert Local Repairs:** Over 30 years of experience in providing professional repair services in India.
- **Cost-Effective Solutions:** Eliminate expensive shipping and customs hassles with local servicing.
- **Comprehensive Support:** From warranty to post-warranty repairs, we ensure your products are always in top condition.
- **Sales Focus:** Free up your resources to focus on sales while we handle all service-related concerns.
- **Government & Private Sector:** Ready support for both government and private sector contracts, expanding your market reach.

Three Decades of Innovation: Where Knowledge Meets Experience

30 Years Strong, Still Innovating

WE REPAIR

- AC / DC DRIVE REPAIR
- ACTUATORS (ELECTRICAL)
- ANALYSERS
- ALARM ANNUNCIATORS
- BURNER CONTROLLERS
- CCTV SYSTEMS
- CHART RECORDERS
- CNC BOARD REPAIR
- COMMUNICATION SYSTEMS
- CPU's AND PROCESSORS
- COUNTER REPAIR
- DCS SYSTEM REPAIR
- ELECTRONIC MEMORY GUAGES
- ENCODER REPAIR
- ESP CONTROLLERS
- FIRE/GAS ALARM SYSTEMS
- FLAT PANEL DISPLAYS
- FLOW METER REPAIR
- FREQUENCY CONVERTERS
- GENERATORS GCP / EGS
- HMI
- HOLIDAY DETECTOR
- I/O MODULES, I/O CARDS
- INVERTER REPAIR
- LABORATORY EQUIPMENTS
- MARINE EQUIPMENTS
- MEDICAL INSTRUMENTS
- MONITORS (INDUSTRIAL)
- MOTOR PROTECTION RELAYS
- MOV's
- MEASUREMENT SYSTEMS
- POWER SUPPLY REPAIR
- INDUSTRIAL SMPS REPAIR
- POLLUTION MONITORING SYSTEMS
- PRESSURE TRANSMITTERS
- PRINTING/CUTTING/ BINDING
- PROCESS CONTROL SYSTEMS
- PROPORTIONAL VALVES
- PLC REPAIR
- SCALES
- SERVO DRIVES
- SOFT STARTS
- TANK GAUGING SYSTEMS
- TEMPERATURE CONTROLS
- TG CONTROL SYSTEMS
- TIMER REPAIR
- TOUCHSCREEN DISPLAYS
- UPS SYSTEMS
- VARIABLE FREQUENCY DRIVES
- VARIABLE SPEED DRIVES
- VIDEO DISPLAYS
- VIBRATION MONITORING SYSTEMS
- WELDING MACHINES
- XRD / XRF SPECTROMETERS




Experts in Industrial Electronics Repair



Meet Our Team: The Heart of Our Success



synchronics

INDIA 
Synchronics Electronics Pvt Ltd
4th Floor, Lotus Enora,
New Alkapuri, Gotri, Vadodara
390 021, Gujarat (INDIA)

REACH US
+91-704-308-4455 +91-704-309-4455
+91-265-400-1555 +91-265-356-1183
email@synchronics.co.in
www.synchronics.co.in



synchronics
Industrial Electronic Repair **Experts**

Industrial Electronics
Repair Experts