

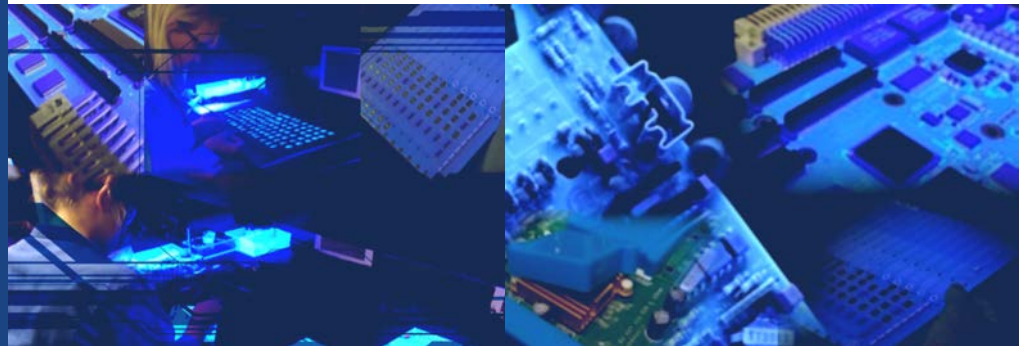
Conformal Coatings  
and more...



**25** years of  
global  
expertise  
10 years of  
excellence in India

India's most trusted  
Conformal coating  
solutions provider

Conformal Coatings | Equipment  
Parylene | Masking | Training  
Consulting



[www.conformalcoating.in](http://www.conformalcoating.in)



**500+**  
Customers  
Nationwide 

# Expertise: Right Across the Board



## The Independent Global Conformal Coating Industry Resource

**Dr. Hitchens** has worked in the conformal coating and reliability sector of the electronics industry for **over 27 years** and has considerable experience in all areas of electronics reliability & conformal coating processing.

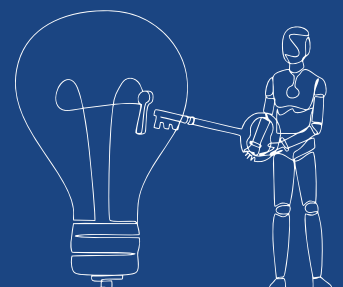
Currently, Dr Hitchens spends his time as Technical Director of SCH Technologies, based cross the North America, Europe and Asia, and Nexus, an independent website and eBook dedicated to providing technical and commercial information on all areas of conformal coating, Parylene and thin film technologies.

Dr Hitchens believes in being the complete solution provider starting with the customers issues and providing economic and practical results. Before entering the electronics industry Dr Hitchens completed his degree in Engineering Physics at Sheffield Hallam University and his **Doctorate PhD in semiconductor Physics** at Sheffield University. From there Dr Hitchens began work as a scientist at the UK's National Physical Laboratory in the area of electronics reliability and process control of production for three years.

His area of expertise included **long term reliability and corrosion analysis** of circuit boards including cutting edges techniques such as **surface insulation resistance (SIR) measurements and cleanliness testing**.

# Conformal coating solutions made easy

We provide a unique and complete global coating solution for conformal coatings, Parylene and other thin film technologies.



# Who we are!

2000

SCH Services Ltd.  
started in the UK in the year

SCH Partnership was agreed with  
North America, Europe, and Asia in

2012

2014

SCH Coating Solutions Pvt. Ltd.  
was founded in India in the year



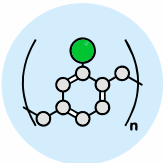
SCH Coating Solutions Pvt. Ltd. **serves over 500 clients** across India, supported by a strong sales and technical team. Our employee-centric culture encourages ownership and happiness at work, driving us to consistently deliver top-notch service and support.



With direct presence in major metros and key industrial zones, SCH exports to countries like the **USA, UK, Vietnam, Tunisia, and Nepal**. Our conformal coating **production capacity is 75 metric tons annually, with plans to expand to 150 metric tons soon**. A robust supply chain and trusted suppliers ensure timely delivery.



In addition to coatings, SCH is a leader in equipment manufacturing and innovation, providing automatic, semi-automatic, and manual machines that enhance workplace safety. Our practical, economical solutions allow companies to adopt cutting-edge equipment.



SCH is the only company in India offering **end-to-end Parylene coating consulting**, from understanding requirements to equipment commissioning. We have experience with most machines sold in the market, setting us apart as a trusted expert in the field.



We thank our customers, suppliers, and our dedicated employees and their families for their trust and support in helping us reach **new milestones every year**.

SCH is Authorized partner for



Plasma Parylene Systems GmbH  
Rosenheim, Germany



Sanco Fluid Technologies  
PRC



Trinity Shields  
USA



SMT Technologies  
UK



MG Chemicals  
Canada & UK



# What we are!

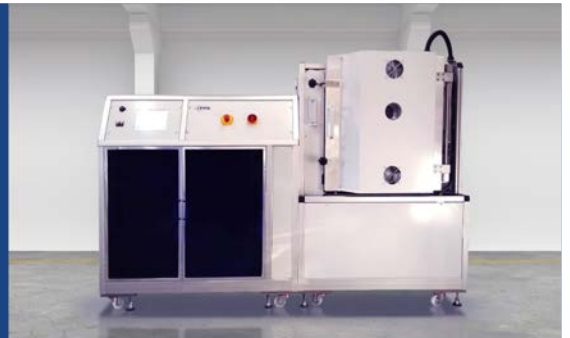
Fluid dispense  
Coating Equipment



Coating and  
Cleaning Materials



Parylene Deposition  
coating Equipment



Parylene Dimers & SMT Wiper Rolls

Masking Materials

Services

Coating Accessories

## 3-Axis Automatic Conformal Coating Machine - CM-460



- The CM-460 is a high-performance 3-axis conformal coating machine for diverse applications.
- Offers exceptional coating performance across multiple industries.

## 4-Axis Automatic Conformal Coating Machine - CM-460F



- The CM-460F is a high-performance four-axis selective coating system for multi-directional and multi-angle spraying.
- Effectively solves the challenge of coating parts with varying heights and corners.

## SPRAY BOOTH CB100



- The CB100 Spray Booth is designed specifically for medium spray application
- Specifically designed for coating application onto printed circuit boards and small size products.

## DIP COATING MACHINE DS101



- The DS101 Conformal Coating Dip System is a precision-built, floor-standing machine.
- Designed for medium to high-volume batch processing of printed circuit boards.

Desktop Dispensing machine - T Series & D Series



T-Series



D-Series

- The T-series semi-automatic dispenser integrates precision machinery with advanced control technology for accurate dispensing.
- Offers strong functionality, easy programming, user-friendly operation, and cost efficiency.
- The D-Series desktop visual dispenser features specialized software and an advanced vision system for precise glue dispensing.
- Uses high-resolution cameras and image processing algorithms to ensure accuracy in dispensing processes.



LM-100 - Economical & Safe workstation with built-in exhaust



- The Compact Tabletop Exhaust Workstation provides efficient coating mixing with durable build, low noise, and effective air circulation.
- It includes LED lighting, a Motor Blower Assembly, and Pre-filter for a clean and well-lit workspace.
- Can be used for soldering, manual coating, viscosity adjustments, and anything which required exhaust.



FULL BOARD  
CM-460S



- The CM-460S is a cost-effective solution for uniform PCB conformal coating, offering advanced features and reliable protection.
- It combines efficiency with a user-friendly interface, ensuring consistent results and environmental protection for boards.

UV INSPECTION BOOTH  
IB100 & IB101



- Our conformal coating inspection booths provide an ideal workspace for one or two operators to inspect, rework, and finish conformally coated PCBs.
- Suited for demasking, repair, and other production processes involving circuit boards.



## Ambient Drying Cabinet DC100



- The DC100 drying cabinet provides practical air temperature drying for PCBs, protecting them from contamination.
- Features an exhaust system to safely remove excess solvents during the drying process.

## Hot Air oven HAO100



- The SCH Hot Air Oven offers precise temperature control from 30-250°C for various thermal processing needs.
- Ideal for moisture removal, coating drying, and curing applications.

## IR curing oven IR2000 & IR3000



- The IR2000 is an advanced IR curing oven for scientific and industrial use. It provides precise heating with infrared radiation, uniform curing, and exceptional temperature control.
- The user-friendly interface allows customization, making it reliable and efficient for various applications.

## UV Curing Oven UV450



- The UV curing oven is a compact and efficient equipment that uses UV light to cure conformal coatings on various substrates.
- It features high-intensity UV lamps, advanced sensors, and user-friendly controls for precise and reliable curing results. It reduces curing time, increases productivity, and ensures high-quality coatings.

## CONFORMAL COATING & CLEANING MATERIALS

SCH Technologies delivers the best conformal coating solutions, ensuring high quality, affordability, and certification. Our products are made in India and meet international standards, providing excellent performance and reliability for your coating needs.

### SCH PC101

Base: Acrylic resins [AR], Economical

Fast drying in room temperature

Very good Temperature resistance from -40°C to 135°C & Humidity resistance.



- Application type : Brushing, Spraying & Dipping. Ask for pre-adjusted viscosity materials
- Curing : Curing at room temperature and Oven curing Temp: 2 Hrs @ 60 °C
- Standards : Meets MIL-I-46058C and IPC-CC-830 Qualifications. Reach & RohS compliance
- Applications : Defence, Automotive, Industrial, Power Electronics, communication technology etc..

### SCH PC101E

Base: Acrylic resins [AR], Economical, Eco Friendly - low VOC.

Fast drying in room temperature

Very good Temperature resistance from -40°C to 135°C & Humidity resistance.

Free of Toluene, Xylene, Benzene and aromatics etc.



- Application type : Brushing, Spraying & Dipping. Ask for pre-adjusted viscosity materials
- Curing : Curing at room temperature and Oven curing Temp: 2 Hrs @ 60 °C
- Standards : Meets MIL-I-46058C and IPC-CC-830 Qualifications. Reach & RohS compliance
- Applications : Defence, Automotive, Industrial, Power Electronics, communication technology etc..

### Trinity A101

Base: Acrylic resins [AR], Economical

Fast drying in room temperature

Very good Temperature resistance from -48°C to 139°C & Humidity resistance.



- Application type : Brushing, Spraying & Dipping. Ask for pre-adjusted viscosity materials
- Curing : Curing at room temperature and Oven curing Temp: 2 Hrs @ 60 °C
- Standards : Meets MIL-I-46058C and IPC-CC-830 Qualifications. Reach & RohS compliance
- Applications : Defence, Automotive, Industrial, Power Electronics, communication technology etc..

### Protective Coating 101 - UL Certified

Base: Acrylic resins [AR], Economical, Eco Friendly - low VOC.

Fast drying in room temperature

Very good Temperature resistance from -55°C to 125°C & Humidity resistance.

Free of Toluene, Xylene, Benzene and aromatics etc.



- Application type : Brushing, Spraying & Dipping. Ask for pre-adjusted viscosity materials
- Curing : Curing at room temperature and Oven curing Temp: 2 Hrs @ 60 °C
- Standards : **UL File# E491286** Meets MIL-I-46058C and IPC-CC-830 Qualifications. Reach & RohS compliance
- Applications : Defence, Automotive, Industrial, Power Electronics, communication technology etc..



## 4223F – Urethane Conformal Coating

Base: Thermoset Urethane [UR]

Drying in room temperature

Provides strong protection against aggressive chemicals, corrosion, moisture, fungus, dirt, dust, thermal shock, abrasion, short circuit, high-voltage arcing, and static discharge. Temperature resistance -65°C to 125°C



- Application type : Brushing, Spraying & Dipping.
- Curing : RT Drying, Cross linking time: 30 days RT, 80 °C @ 16 hours
- Standards : Certified IPC-CC-830B, UL 746E [File# E203094], Xylene and isocyanate free
- Applications : Defence, Automotive, Industrial, Power Electronics, communication technology etc..

## 422C – Silicone Conformal Coating

Base: Acrylic-Silicone Blend

Drying in room temperature

Very good Temperature resistance from -40°C to 200°C, flexibility, minimum stress on components during thermal cycling



- Application type : Brushing, Spraying & Dipping.
- Curing : RT Drying, 24 hrs @ RT, 65 °C @ 20 mins, 80 °C @ 10 mins.
- Standards : Certified UL94 V-0
- Applications : Defence, Automotive, Industrial, Power Electronics, communication technology etc..

## ST101 - Flux Cleaner & Stripper

ST101 is a highly effective burnt flux and conformal coating remover, widely used in the PCB industry. It works on all metals and PCB substrates, and is safe for most plastics, with caution advised for sensitive plastics and rubbers. A spot test is recommended for cheap plastics and all rubbers. Also available in aerosol can with tube for selective spot cleaning



## SC2500 - Aqua Flux Cleaner

Surclean SC2500 is a high-performance Aqueous cleaner for fast, effective removal of post Solder Flux Residues and uncured Solder Paste. It is available as a concentrate or pre-diluted, suitable for various cleaning systems. Works with ultrasonics, agitation and other automatic cleaning machines.



## SC400 - Stencil Cleaner

Surclean Screenclean 400 is a high-performance solution designed for fast and effective removal of uncured Solder Paste and Adhesive residues from Screens, Stencils, and associated tooling. It is also effective in removing residues from misprinted PCBs. Ready-to-use, it suits various processes, from hand spot cleaning to automatic Stencil Printers and Stencil Cleaning Machines.



**CUSTOMIZED THINNERS AND STRIPPERS FORMULATIONS AVAILABLE.  
PLEASE CONTACT SALES REPRESENTATIVES**



## Partnership



## CUSTOM-MADE PARYLENE COATING SYSTEMS FROM INDUSTRY EXPERTS



### India's Leading Parylene Coating Specialist

SCH has the highest number of installations in India, defining excellence in advanced coating solutions.



### German-Engineered Coating Systems

We offer state-of-the-art PPS parylene systems capable of vaporizing all parylene types, with customizable chamber sizes and optional plasma features.



### Comprehensive Consulting Services

From machine selection to advanced training in masking and deposition, we guide you from concept to commissioning.



### Tailored Consultation and Strategic Planning

Starting with detailed consultations, we anticipate future needs and customize solutions to achieve your objectives.



### Customized Support for Optimal Performance

Our tailored support ensures efficient, effective operations with flexibility to meet your evolving needs.



### Complete In-House Development

From design to process implementation, all development is done in-house, ensuring seamless customization and top-quality results.

## Advantages of Parylene

Parylene is an inert, water-repellent, biocompatible, optically transparent, chemically resistant, polymeric coating material that has a wide range of industrial applications.

### Features at a glance

- Good sliding properties
- Hydrophobic surface
- Chemically resistant with barrier effect to organic and inorganic media [acids, alkalis, gases, water vapour].
- Electrically insulating, high dielectric strength
- Biocompatible and biostable coating
- Thin, transparent and pinhole-free coating from 2 μm
- Very high gap capability for complex substrates
- Excellent corrosion protection
- Homogeneous shift training
- No outgassing
- Abrasion-resistant



## Parylene Dimers

SCH offers a comprehensive range of Parylene dimers, catering to all types and specifications required by our clients.

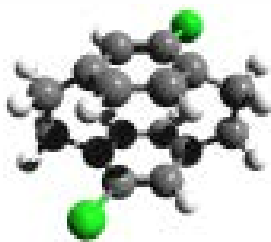
Whether you're working in electronics, medical devices, automotive, or aerospace, our high-quality Parylene dimers ensure reliable protection and superior performance in critical applications.

With years of experience and deep expertise in Parylene coatings, SCH is committed to providing tailored solutions that meet industry standards, ensuring the best outcomes for your projects.

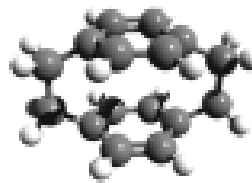
Trust SCH for consistent supply and technical support in all your Parylene dimer needs.



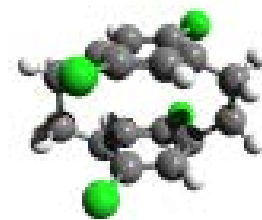
All types of Parylene dimers are available with us



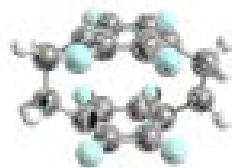
Di-Parylene C



Di-Parylene N



Di-Parylene D



Di-Parylene F



Di-Parylene AF4

## SMT Wiper Rolls - WP101

Discover our extensive range of SMT wiper rolls, designed to meet your specific needs with precision.

We offer custom sizes at an affordable cost, without ever compromising on quality. Our products are 100% custom-built to ensure a perfect fit for your requirements, whether you need standard dimensions or unique specifications.

With us, you can expect top-tier performance, competitive pricing, and solutions tailored to exceed your expectations. Experience the convenience, durability, and efficiency of our custom SMT wiper rolls, crafted to enhance your production processes and boost productivity.

### Key Features:

- Custom sizes available
- High-quality materials ensuring durability
- Competitive pricing without quality compromise
- Designed to improve production efficiency

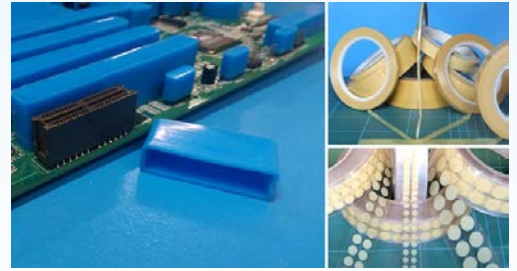
Talk to us for a free sample and see the difference yourself!



## Conformal Coating masking solutions

Our conformal coating masking materials are designed to be completely compatible with all conformal coatings and production processes. Using the right masking materials is crucial in the production line to avoid process problems.

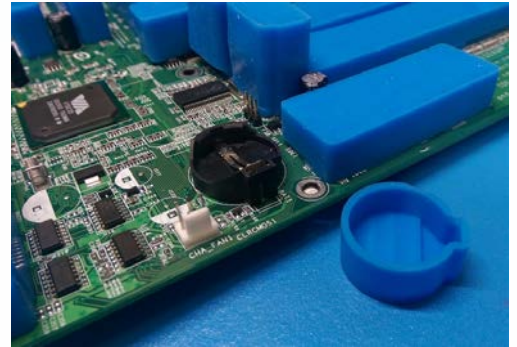
Our specialist materials outperform all other market options, as they are specifically designed and thoroughly tested in our own coating services. You can benefit from the best quality masking materials for your process without incurring additional costs.



## Masking Boots

Conformal coating masking boots are a great alternative to traditional materials like tape, dots, and latex for liquid conformal coatings. While traditional methods protect components well, they can be labor-intensive, difficult, and time-consuming.

Custom-made, reusable masking boots offer a more efficient and cost-effective solution. They provide better protection for printed circuit boards (PCBs) and save significant time in both the masking and de-masking stages, ultimately reducing costs



## Masking Tapes, Dots & Shapes

Masking materials include Polyimide and Anti-Static options, available in tapes, dots, and custom shapes.

We customize and offer various shapes as per your request in no time, with no MOQ—ask for a sample today!

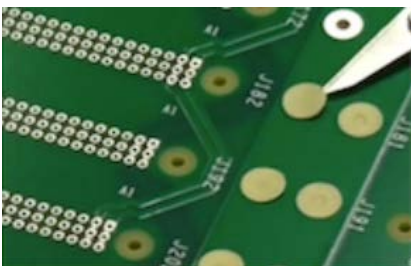
### Hybrid Polyimide Masking Material



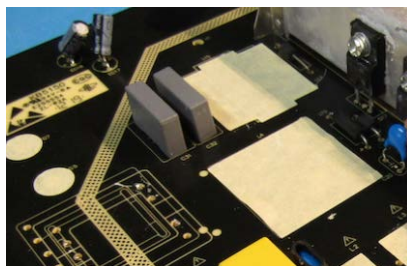
### Hybrid ESD Masking Material



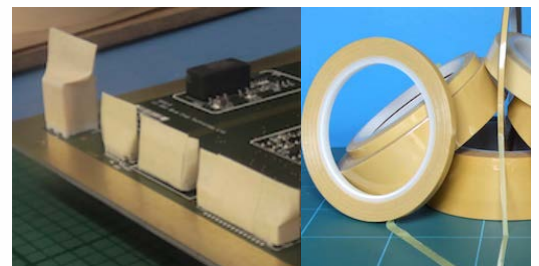
### Available Forms:



Masking Dots



Masking Shapes



Masking Tapes



## Conformal coating as a services

With years of experience and expertise in the industry, we specialize in providing high-quality coating solutions tailored to meet the unique needs of our clients.

Whether you require onsite coating or prefer to have the work done at our SCH site, we have the capabilities to accommodate your requirements.



### Our Services:



Manual Brush Coating



Spray Coating



Automatic Coating

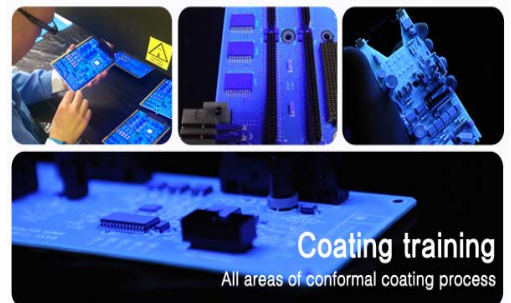


Parylene Coating.

## Conformal coating Consulting & Training

SCH Technologies provides high-quality conformal coating training courses for process improvement. Whether installing a new process or using conformal coatings, we help optimize for best performance.

We provide conformal coating consultancy for companies including benchmarking, troubleshooting, New Product Introduction (NPI) and Support Contracts.



### Training

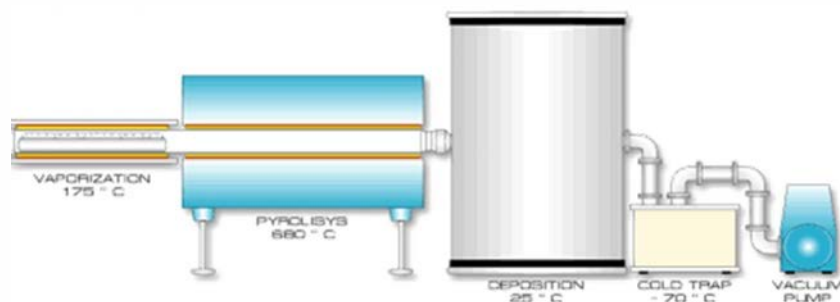
Process control | Inspection & standards | New product introduction | Application processes | Masking

### Consulting

Benchmarking | Troubleshooting | New Product Introduction

## PARYLENE COATING SERVICE

- Parylene coatings from 0.1 to 80 microns with parylene C, D, N, F, AF4 and other parylene types on request [e.g. UV, sandwich layers]
- Research projects as well as new developments of customer-specific processes and coatings
- Sample & contract coatings, e.g. with plasma integrated pre-treatments
- Interface coatings to improve the adhesion of the parylene
- Comprehensive laboratory tests & analyses
- Cleaning services in connection with coatings – wet chemical [ultrasonic, rinsing]



### Conformal coating application accessories

We provide a comprehensive range of conformal coating application tools, including dry thickness measurement, adhesion testing, UV inspection tools, surface tests, viscosity measurement tools, and more. Our supplies cover everything you need for efficient and precise conformal coating applications.



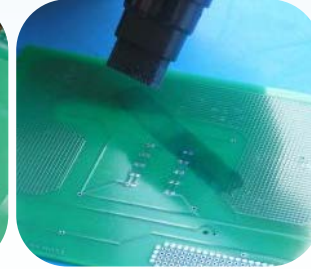
Wet thickness gauge



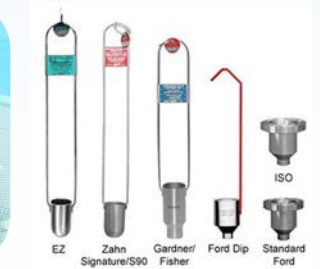
Dry thickness gauge



Adhesion Testing tools



Surface tension testing



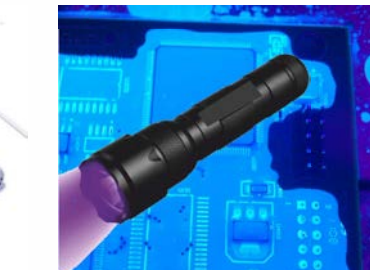
Viscosity Measurement cups



Magnifying arms with UV



UV lights



UV torches



Spray Guns



Coating particle filters



Chemical resistant gloves



UV Protection Goggles



Fumes Protection PPE



Cleanroom dry wipes



Coating Machine Nozzles



Dispensing nozzle brushes



Dispensing nozzle needles



ESD Cleaning and coating brushes



Spray Booth filters



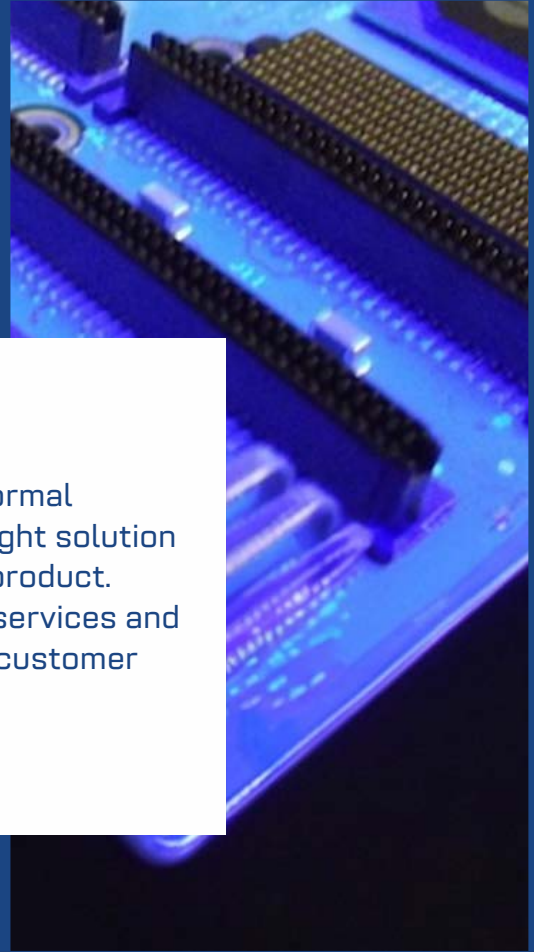
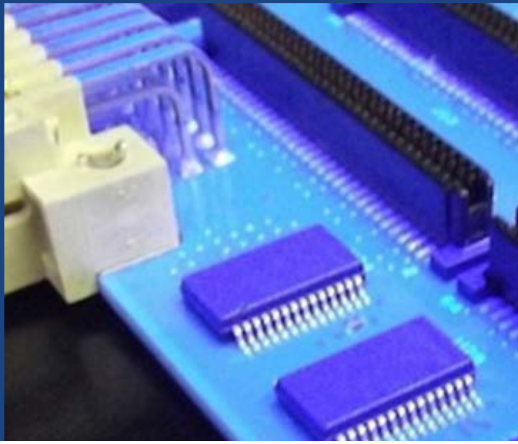
Ultrasonic Cleaning Tanks



## Some of our esteemed clientele

ELECTRONICS CORPORATION OF INDIA LIMITED  
 SFO TECHNOLOGIES PVT. LTD  
 TVS SIRIUS CONTROLS PVT. LTD  
 WJERTH ELEKTRONIK INDIA PVT LTD  
 BHARAT ELECTRONICS LIMITED  
 FUJII ELECTRIC CONSUL NEWOWATT PVT LTD  
 HINDUSTAN AERONAUTICS LIMITED  
 LARSEN AND TOUBRO LIMITED  
 MAHINDRA ELECTRIC MOBILITY LIMITED  
 RESEARCH CENTER IMARAT (RCI)  
 TATA STEEL LIMITED  
 V GUARD INDUSTRIES LTD  
 ESCORTS LIMITED  
 TOPBAND INDIA PVT LTD  
 ADVANCE POWER DISPLAY SYSTEMS LTD  
 GENUS POWER INFRASTRUCTURES LIMITED  
 BARCO ELECTRONIC SYSTEMS PVT. LTD.  
 SANMINA-SCI INDIA PRIVATE LIMITED  
 STATCON ELECTRONICS INDIA LIMITED  
 ZEN TECHNOLOGIES LIMITED  
 Advanced Switching Converters Private Limited  
 Agua Wireless Systems Private Limited  
 Akira Controls  
 Ambetronics Engineers Pvt. Ltd  
 Ambit Connect  
 Argus Embedded Systems Pvt Ltd  
 Aura Renewable Energy Pvt Ltd  
 Blue Bird Lights Pvt. Ltd  
 Candid Optronix Private Limited  
 Chargehouse Mobility Private Limited  
 Cinos Automotive India Private Limited  
 Comtronics Pvt Ltd  
 Coreel Technologies India Pvt Ltd  
 Customised Technologies Pvt Ltd  
 Daksh Electronics Pvt Ltd  
 Drkstore  
 EM Associates  
 East India Technologies Pvt Ltd  
 Eco Life  
 Elcoteq Assemblies  
 Electrowaves Electronics Pvt Ltd  
 Elegant Embeded Sol Pvt Ltd  
 Elin Electronics Ltd.  
 Embedded It Solutions India Pvt. Ltd  
 Envoys Electronics Pvt Ltd  
 Eppletone Engineers Pvt Ltd  
 Excel Electrochem Technology  
 Fortuna Industries Private Limited  
 Goel Corporation Limited  
 Goldfame Technologies Pvt Ltd  
 Hallmark Engineers  
 Hbeonlabs Technologies Pvt Ltd  
 Hydrofiltronic Engineers  
 Ibot Labs India Private Limited  
 Ilensys Technologies Private Limited  
 Incap Contract Manufacturing Services Pvt Ltd  
 Indic Ems Electronics Pvt Ltd  
 Innovative Instruments Pvt Ltd  
 Integ Electronics  
 Iqnet Systems  
 Jay Autocomponents Ltd  
 Jmv Lps Ltd  
 Jpm Industries Limited  
 Jsd Electronics India Private Limited  
 Jt Labs  
 Kal Cables Private Limited  
 Lan Engineering Technologies  
 Ls Automotive India Pvt Ltd  
 KAYNES TECHNOLOGY INDIA PVT LTD  
 ACCORD SOFTWARE & SYSTEMS PVT LTD  
 ALLNYX TECHNOLOGIES LLP  
 CAPITAL POWER SYSTEMS LTD  
 BHAVYABHANU ELECTRONIC PVT LTD  
 CYIENT DLM LIMITED  
 OSWAL PUMPS LIMITED  
 SMILE ELECTRONICS LIMITED  
 TECHNO SYSTEMS INDIA ELECTRONICS PVT. LTD.  
 VINROX TECHNOLOGIES LLP  
 UNISTRING TECH SOLUTIONS PVT LTD  
 SIEMENS LTD  
 MARELLI MOTHERSON AUTOMOTIVE LIGHTING INDIA PRIVATE LTD  
 APOLLO MICRO SYSTEMS LIMITED  
 ALPS INTERNATIONAL PVT LTD  
 AVANTEL LIMITED  
 CZAR METRIC SYSTEMS PVT LTD  
 LIVGUARD ENERGY TECHNOLOGIES PRIVATE LIMITED  
 4MOD TECHNOLOGY, Tunisia  
 Lsr Machinery Service  
 Luxium Solutions India Private Limited  
 Magnic Technologies Pvt Ltd.  
 Me Enterprises India Pvt Ltd  
 Mefron Technologies (India) Private Limited  
 Merritronix Private Limited  
 Millenium Electronics  
 Neotrend Ev Systems Pvt Ltd  
 Ohmascon Private Limited  
 Oms Textile Technologies  
 Parimal Clean Energy Systems Private Limited  
 Pioneer Instruments  
 Poweraum Electronics Private Limited  
 Powertech Control & Automation Technologies  
 Prime Electronics  
 Qmax Test Equipments Pvt Ltd.  
 R. K. Transonic Engineers Pvt. Ltd.  
 Rai Electronics  
 Reliance Electricals  
 Reliant Electronic Design Services Pvt Ltd  
 S.M Tex  
 S.S. Enterprises  
 Sai Sharan Computers  
 Shine Electro Components  
 Shri Sai Solution  
 Sln Technologies Pvt Ltd  
 Sritech Electronics & Systems Pvt Ltd  
 Ss Engineering Solution  
 Statcon Powtech Pvt. Ltd  
 Sungarner Energies Private Limited  
 Synergy Systems & Solutions  
 Tech And Trade  
 Tech Worth Technologies  
 Teksol Automation  
 Tex Services  
 Textro Electronics  
 Thing Green Computech Private Limited  
 Tridev Traders  
 Vector Technics  
 Volty Nxt Energy Private Limited  
 Vortex Vision Technology Llp  
 Whoopmasters India Private Limited  
 Windle Designs Llp  
 Ysl Electronics

and many more.....



## CUSTOMER ORIENTED APPROACH

Our customer based, technical approach to all conformal coating and cleaning projects ensures you get the right solution because you can choose the process that fits your product. We can offer both outsourced coating subcontract services and in house coating solutions. This ensures you as the customer achieve the best return on their investment, whether that is outsourcing or in-house production.



**25** years of  
global  
expertise  
**10** years of  
excellence in India

### SCH Coating Solutions Pvt. Ltd.

Plot#124, Navodaya Industrial Park,  
IDA PHASE-V, Cherlapally. 500 051,  
Hyderabad. T.S., INDIA.

Email : [marketing@schservices.com](mailto:marketing@schservices.com)  
[www.conformalcoating.in](http://www.conformalcoating.in)

For further enquiries, please contact

 **+91-9000383674**

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Fax : [+44] 01226 770809

[www.conformalcoating.co.uk](http://www.conformalcoating.co.uk)

For further enquiries, please contact

 **[+44] 01226 249019**



Scan QR  
for more  
information