SUPERCONTROL



# COMPANY PROFILE

Precision in Every Detail. Purpose in Every Design



CERTIFIED ISO 14001:2018 COMPANY

CERTIFIED ISO 9001:2015 COMPANY

CERTIFIED ISO 14001:2015 COMPANY

MAKE IN INDIA

**Solar PV & PV Cell Testing Equipment | Aluminium Die Cast Mould Manufacturing & Die Cast Spares | Auto-Electrical Testing Equipment | Programmable DC Power Supplies & Accessories.**


**CALL US**
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super.control@yahoo.co.in

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@supercontrol.and.automation
Super Control and Automation

SUPERCONTROL

# SUPER CONTROL & AUTOMATION

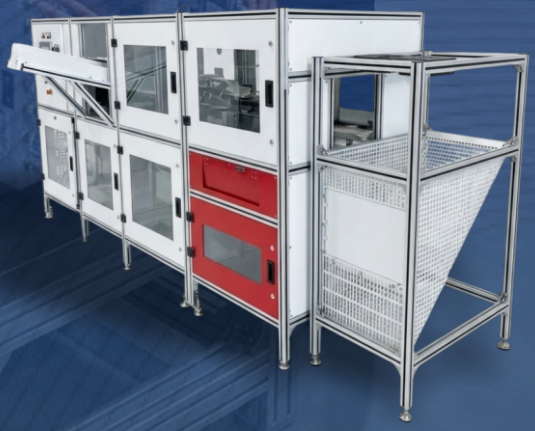
" SCA IS INDIA'S ONLY MANUFACTURER OF SOLAR PV MODULE & PV CELL TESTING EQUIPMENT "





" PRECISION-ENGINEERED DIE CAST MOLDS DESIGNED FOR MAXIMUM PRODUCTIVITY, EFFICIENCY, AND A 95% FIRST-TRIAL SUCCESS RATIO "

" WHATEVER YOUR REQUIREMENT, WE ENGINEER THE MACHINE TO MAKE IT HAPPEN "



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MAKE IN INDIA



# Who We Are

Super Control & Automation (SCA) is an engineering and manufacturing company based in Faridabad, India, with over two decades of engineering expertise. We specialize in developing reliable, precision-driven solutions that support the evolving needs of the solar, automotive, and industrial sectors. Our expertise spans four key product verticals:

SUPERCONTROL

1. **Solar PV & PV Cell Testing Equipment,**
2. **Aluminium Die Cast Mould Manufacturing & Die Cast Spares,**
3. **Auto-Electrical Testing Equipment,**
4. **Programmable DC Power Supplies & Accessories.**

SCA is **India's Only Manufacturer of Solar PV Module Testing Equipment,** built to IEC standards — a position built on in-house design, in-house fabrication, and an **In-House Service Team of 40+ Engineers** & **20+ Service Engineers** that stands behind every machine SCA ships. Where most testing and automation equipment sold in India is imported and resold, SCA's is designed, engineered, and supported entirely from within the country.

| 21+YRS | 20+ | 24 HRS | ISO |
|---|---|---|---|
| Engineering Excellence | In-House Service Engineers | Service Response Commitment | Certified Quality System |

At SCA, we combine engineering knowledge, manufacturing capabilities, and customer-focused service to help businesses strengthen testing, improve production processes, and achieve dependable results.



# Director’s Note

*At Super Control & Automation, we are committed to engineering solutions that drive precision, reliability, and innovation. With expertise in electrical systems, electronics, and industrial engineering, we proudly design and manufacture world-class testing equipment and Die Casting molds solutions that support India's Make in India vision.*

*Backed by our 40+ in-house service engineers and a commitment to delivering dependable engineering with a 24-hour service response, we strive to build lasting partnerships by helping industries operate smarter, safer, and more efficiently.*



**Brijendra Singh**
*Founder & Director*
*Super Control & Automation*

## Our Team & Foundation Members



**Rajan Singh**
*Electrical and Instrumentation Head*
*Super Control & Automation*



**Anuj Sinha**
*Purchase Head*
*Super Control & Automation*



**Narendra Saini**
*Design head*
*Super Control & Automation*



**Bhupendra Singh**
*Service & Store Head*
*Super Control & Automation*



**Md. Tahir**
*Plant Head(Die Cast Mold)*
*Super Control & Automation*

Behind every SCA machine is a team of **40+ in-house engineers** with **15–20 years** of expertise in electrical systems, electronics, automation, and precision tooling. From design to after-sales service, every project is handled in-house—backed by a nationwide **24-hour service response commitment.**



Why Choose

# Super Control & Automation

In a market ***where most testing machinery is imported and resold,*** **SCA's advantage is structural: everything is engineered, manufactured, and serviced under one roof.** That means **one point of accountability** — from the first design conversation to the service call five years later.

### *What Sets Us Apart*

1. *Well-connected pan-India distribution and delivery network*
2. *Capability to undertake bulk and repeat orders without compromising lead time*
3. *Consistent, on-schedule delivery of every consignment*
4. *Competitive, transparent pricing without compromising build quality*
5. *Full customisation of equipment to each client's process and specification*
6. *World-class, ISO-Certified Quality Management System across design, build and testing*
7. *An in-house Smart Design System that shortens development cycles for custom machinery*

MAKE IN INDIA
Complete In-House Manufacturing

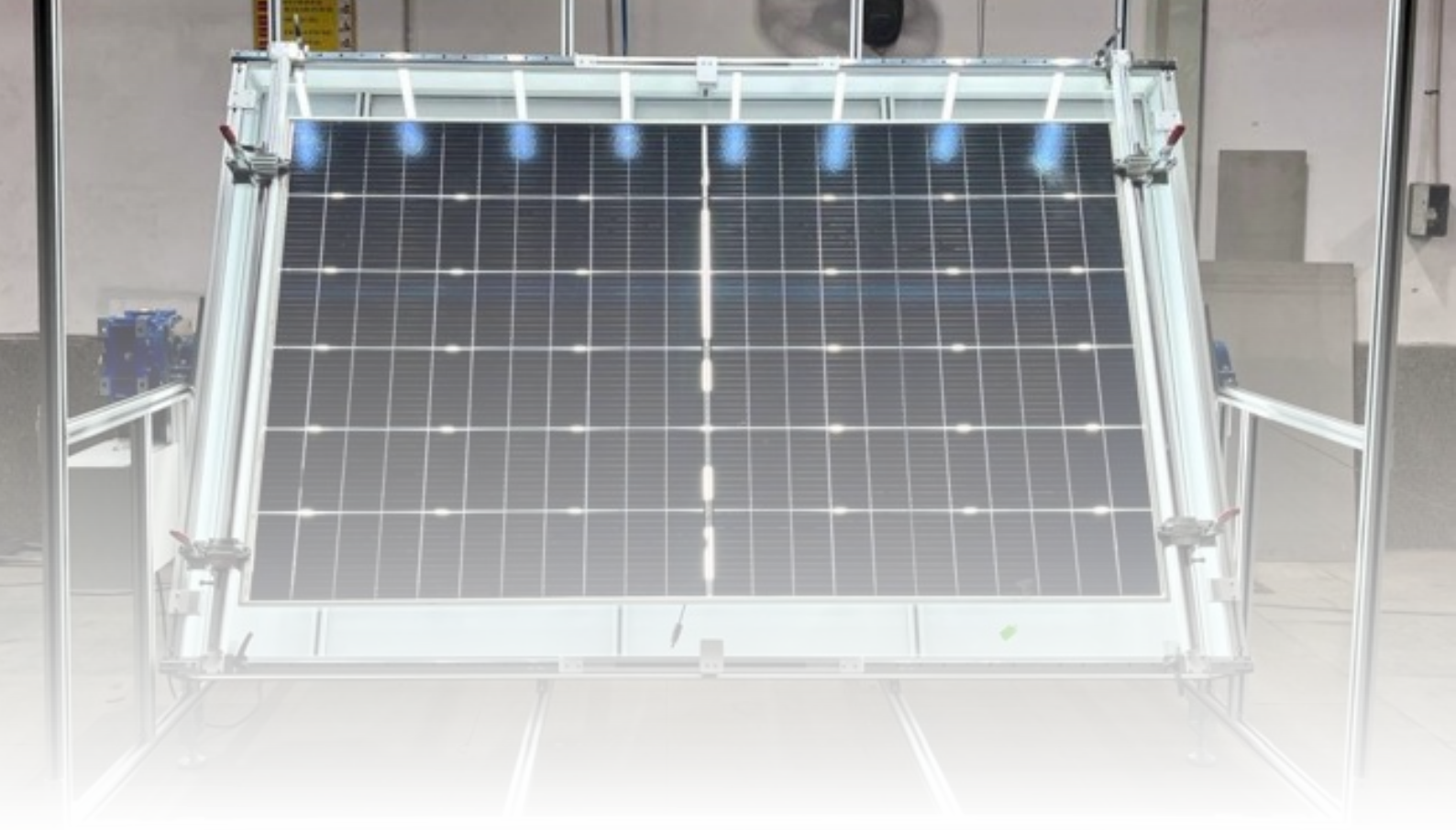
24 HRS
Service Response. Every Time.

One Manufacturer
One Team
One Accountability

40+
In-House Engineers
Zero Outsourcing

Customized Engineering

21+YRS
Engineering Excellence



# Testing Equipment Manufacturing

## Solar PV & PV Cell Testing Equipment (IEC Standard)

As India's Only Manufacturer of Solar PV Module Testing Equipment, SCA equips module manufacturers and independent test labs with a complete, IEC-compliant testing line:

- DYNAMIC MECHANICAL LOAD TESTER
- HAIL IMPACT TESTER
- FIRE RESISTANCE TEST SETUP
- VISUAL INSPECTION TEST SETUP
- UV PRECONDITIONING TEST CHAMBER
- ENVIRONMENTAL TEST CHAMBER
- CURRENT MONITOR TEST POWER SUPPLY
- PID POWER SUPPLY
- REVERSE CURRENT TEST SETUP
- ROBUSTNESS OF TERMINAL TEST SETUP
- WET LEAKAGE CURRENT TEST SETUP
- BYPASS DIODE THERMAL TEST SETUP
- MODULE BREAKAGE TEST SETUP
- OUTDOOR TEST SETUP
- SOLAR PUMP TEST SETUP



## Auto Electrical Testing Equipment

SCA also manufactures a full range of automotive electrical component testing rigs — widely used by auto-ancillary manufacturers for end-of-line quality validation and R&D:

- ALTERNATOR TESTING SYSTEM
- STARTER MOTOR TESTING SYSTEM
- HORN ENDURANCE TESTING SYSTEM
- HORN PERFORMANCE TESTING SYSTEM
- AIR GAP & POINT GAP TESTING SYSTEM
- DC SWITCH TESTING SYSTEM
- SOLENOID SWITCH TESTING SYSTEM
- DRY LEAK TESTING MACHINE
- RECTIFIER ASSEMBLY TESTING RIG
- HYDRAULIC MOTOR TESTING MACHINE
- HORN ASSEMBLY LINE



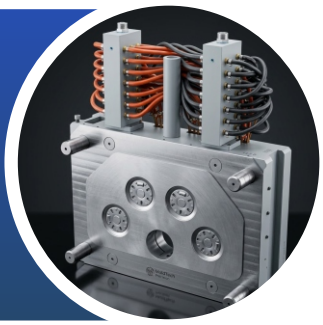



# ALUMINIUM DIE CASTING MOLD & DIE SUPPORTING EQUIPMENT

Die-casting tooling lives or dies on the precision of its cooling, feed, and ejection components. SCA manufactures a complete range of die-casting Mold components engineered for tighter tolerances, longer tool life, and shorter cycle times — a Make-in-India alternative to imported tooling components that reduces both cost uncertainty and lead time for Indian foundries and die-casters.

- JET COOLING SYSTEM
- VACUUM SYSTEM
- VACUUM BLOCK
- LADLE CUP
- SHOT SLEEVE
- SPRAY NOZZLE
- HPDC ALUMINUM DIE CASTING MOLDS
- LPDC ALUMINUM DIE CASTING MOLDS
- ZINC DIE CASTING MOLDS
- PLASTIC COMPONENTS MOLD
- DIE SPARES
- MACHINE SPARES (HPDC)





### Why Foundries Choose SCA

- Precision-machined components manufactured in-house — not imported and resold
- Faster replacement lead times than imported tooling components
- Custom specifications matched to each customer's die design and shot profile
- Backed by the same In-House Service Team of 40+ Engineers as every other SCA product line

EVERY DIE-CASTING COMPONENT SCA MANUFACTURES IS BUILT TO REDUCE CYCLE TIME AND EXTEND MOLD LIFE — THE TWO LEVERS THAT MOST DIRECTLY AFFECT A DIE-CASTER'S COST PER SHOT.

**95%**
1ST TRIAL RATIO



# PROGRAMMABLE DC POWER SUPPLIES AND OTHER PRODUCTS

Super Control & Automation offers a range of programmable DC power supplies, measurement components, and specialized accessories for industrial testing applications. Designed to support controlled testing, reliable measurements, and consistent equipment performance, our product range caters to diverse testing and maintenance requirements.

## Programmable DC Power Supplies

Designed to provide adjustable electrical output for testing applications, programmable power supplies support controlled test conditions and repeatable equipment operation. Suitable for applications requiring configurable voltage and current settings, depending on the selected model.

## Load Cell and Controllers

SCA offers load cells and digital controllers designed for accurate force measurement, load monitoring, and weighing applications. Combining reliable sensing with configurable digital measurement and control, these components support mechanical testing machines, industrial weighing systems, and automation applications.

## UV Lamp and Controllers

SCA offers UV lamps and electronic controllers for industrial ultraviolet curing and exposure applications. Designed to support controlled UV output across compatible systems, these solutions serve a range of processes, including solar PV testing, industrial printing, offset printing, coating, PCB graphic transfer, and screen-printing curing.





Behind Every Machine We Build

# Our Infrastructure

Every product across all three verticals — Testing Equipment, Die Cast Mould Components, and Special Purpose Machinery — is designed, fabricated, assembled and calibrated within SCA's own Make-in-India Manufacturing Facility in Faridabad, Haryana. Nothing is outsourced to third-party job shops for critical build or service work.

## Infrastructure Capabilities

**1. Design & Engineering**

In-house electrical, electronics and automation design team — every machine is engineered to the customer's specification, not adapted from a catalogue.

**2. Fabrication & Machine Shop**

In-house precision machining and fabrication for testing equipment frames, die-casting components and SPM structures.

**3. Assembly & Integration**

Dedicated assembly bays for testing systems, die-casting components, and full assembly-line automation builds.

**4. Testing & Calibration Lab**

In-house testing and calibration ensures every unit is validated before it reaches a client site — consistent with IEC and ISO requirements.

**5. Service & AMC Wing**

The base for SCA's In-House Service Team of 40+ Engineers, supporting the 24-Hour Service Response commitment nationwide.



# Our Clientele

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## SOLAR PV TESTING : Independent Labs

ACE TEST LABS

BTH "our footprint evidences our quality"

TECHLAB

EAMP LABORATORIES — ELECTRICAL, ANALYTICAL, MECHANICAL & PHOTOMETRY

UL Solutions

Terawatt Testing And Research Institute Pvt. Ltd.

ALPHA TEST HOUSE

Presto Laboratories Pvt Ltd

Mitsui Chemicals Group

MITSUI CHEMICALS INDIA PVT. LTD.

URS — UNITED REGISTRAR OF SYSTEMS

ERDA

## SOLAR PV TESTING : Module Manufacturing

Reliance NEW ENERGY

adani Solar

RPSG SOLVANTA

ZNSHINESOLAR

EN-ICON Harvesting the sun

ACME Leading Through Innovation

LOOM

GOLDI SOLAR

PIXON Redefining Solar

CME

SILVER PUMPS | MOTORS | AGRI

ReNew

AVAADA

LUMINOUS

RAYZON SOLAR

COSMIC Solar For A Better Future

OSWAL RENEWABLE ENERGY Greener | Cleaner | Smarter

KNACK

ADM Solar

IMA SOLAR TOGETHER WE SHINE

NOVA Every day is a SUN day

navitassolar conserve | sustain | flourish



# Our Clientele

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## Die Cast Mould

CLUTCH F.C.C. TECHNOLOGY

ROCKMAN

Global Autotech

samvardhana motherson

ASK®

## Special Purpose Machinery

MINDA

UNO MINDA DRIVING THE NEW

SAN AERO

NIKKO AUTO LIMITED

Suprajit

ANMOL Excellence in Starting System & Automotive Horn

motherson sumi systems limited

HELLA

addon® engineering private limited

# OUR CERTIFICATION

SUPERCONTROL



QRO
QUALITY RESEARCH ORGANIZATION

*Certificate of Registration*

This is to certify that

**SUPER CONTROL & AUTOMATION**

**PLOT NO. 5, NANGLA GUJRAN, NEAR SHYAM DHARAM KANTA, SOHNA ROAD, FARIDABAD -121004, HARYANA, INDIA**

has been independently assessed by QRO
and is compliant with the requirement of:

**ISO 9001:2015**

**Quality Management System**

For the following scope of activities:

**DESIGN, MANUFACTURING, SUPPLY, INSTALLATION OF PROCESS AUTOMATION & MACHINE AUTOMATION SYSTEM, AS WELL AS SPECIAL PURPOSE TESTING EQUIPMENTS & MACHINES, SOLAR PV MODULE TESTING EQUIPMENTS, DIE AND MOULDS**

Date of Certification: 8th September 2026
1st Surveillance Audit Due: 7th September 2027
2nd Surveillance Audit Due: 7th September 2028
Certificate Expiry: 7th September 2029

**Certificate Number: 305026090861Q**

EGAC CAB # 011905

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit. (In case surveillance audit is not allowed to be conducted: this certificate shall be suspended / withdrawn).
**The Validity of this certificate can be verified at www.qrocert.org**
This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

**India Office : QRO Certification LLP**
142, IInd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)
Website : www.qrocert.org, E-mail : info@qrocert.org



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has been independently assessed by QRO
and is compliant with the requirement of:

**ISO 14001:2015**

**Environmental Management System**

For the following scope of activities:

**DESIGN, MANUFACTURING, SUPPLY, INSTALLATION OF PROCESS AUTOMATION & MACHINE AUTOMATION SYSTEM, AS WELL AS SPECIAL PURPOSE TESTING EQUIPMENTS & MACHINES, SOLAR PV MODULE TESTING EQUIPMENTS, DIE AND MOULDS**

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EGAC CAB # 011905

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has been independently assessed by QRO
and is compliant with the requirement of:

**ISO 45001:2018**

**Occupational Health and Safety Management System**

For the following scope of activities:

**DESIGN, MANUFACTURING, SUPPLY, INSTALLATION OF PROCESS AUTOMATION & MACHINE AUTOMATION SYSTEM, AS WELL AS SPECIAL PURPOSE TESTING EQUIPMENTS & MACHINES, SOLAR PV MODULE TESTING EQUIPMENTS, DIE AND MOULDS**

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**Certificate Number: 305026090862HS**

EGAC CAB # 011905

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