



ELECTRONICS SYSTEMS AND DEVICES

Process Control Instruments Since 1980





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Founded in 1980 in mere 32 sq feet garage in Pune, ESD has not looked back ever since.

Spanning over almost four decades now, ESD has had offices in Mukundnagar, Maharshinagar, and finally moved to Hadapsar Industrial Estate in 1996.

- **In 2015 started office at Bhosari MIDC**
- **In 2017, Kolhapur office started**
- **In 2018, Nashik office started**
- **In 2019 Aurangabad and Mumbai office started**

Till date **ESD** has sold over 10,00,000 products which includes:

- Sensors
- Process Controllers
- Control Panels
- Alarm Annunciators
- Data Loggers
- Super Size Displays
- Websites
- Customized Turnkey Projects



Our note-worthy USP's are ...

- For four & half decade, **ESD** is known for its ethics and values.
- All partners are technocrats
- 150+ products catering verticals across Industries
- Strong and loyal customer base
- Excellent after sales support
- No-Compromise on Quality
- Preferred Brand amongst OEM's
- Affordable Total Cost Of Ownership (TCO) for end-user



To become a reputable
company in the field of
Process Control

Instrumentation known for
its indigenously designed and
developed products and to
offer services exceeding
customer satisfaction.



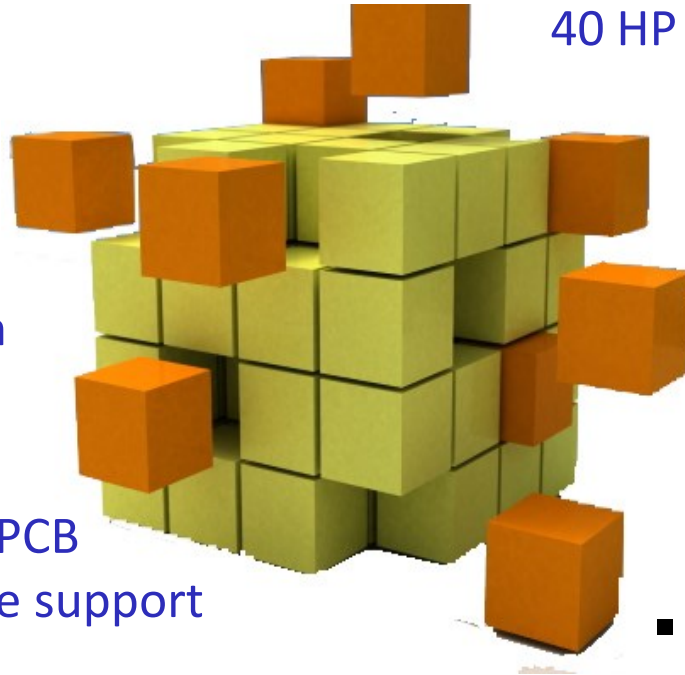
Mission



To achieve sustainable growth by using the better technology in product development and manufacturing, and imbibe better process driven methodologies offering value added services to our customers.



- 20+ branded Dell make Computers with Genuine software Licenses
- 100 mbps dedicated Internet Lease Line
- In-house R&D Team and Software Team
- Dedicated in-house PCB assembly and service support
 - Pressure Testing, Fluidless Temperature Bath, Vibration Test bed
- 10,000 sqft state-of-the-art head office in Hadapsar Industrial Estate, Pune
- 2500 sqft office in Bhosari, Pune
- Marketing Office in Kolhapur & Aurangabad
- 60 KVA Diesel Generator backup and 40 HP Solar panels with Grid upload
- 50 seating Conference Hall
- Tektronix DSO, Aplab CRO, Fluke & HP make high resolution meters and Function Generators
- Environmental chambers for QA, Sensors and Soak Testing, Humidity Chamber with Climate Control





We at **ESD** commit to design, develop, manufacture, and install **Temperature Measurement & Control Systems**, which will always satisfy our customers.

We shall achieve this by:

- Technological upgradation
- Providing effective pre & after sales service with calibration support
- Participative management through empowerment
- Individual commitment, involvement & intelligent hardwork



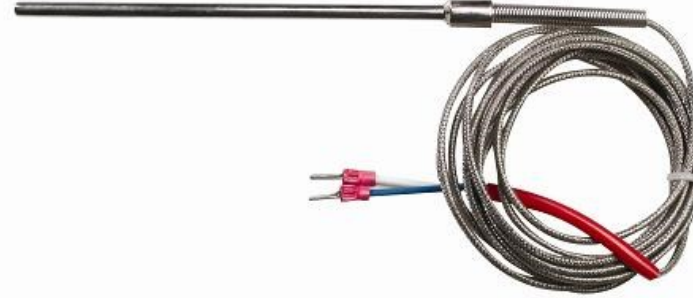
Since the year 2010, **ESD** is an ISO 9001:2008 certified company
Since the year 2017, **ESD** is an ISO 9001:2015 certified company

ESD products are **CE** certified





- Temperature Sensors & Transmitters
- Temperature Indicators & Controllers
- Process Scanners
- Data Loggers & Event Loggers
- Alarm Annunciators & Hooters
- Flow Indicator Totalizers
- Open Channel Flowmeter
- Signal Isolators
- Loop Power Indicators
- Jumbo Displays
- Digital Field IOs
- LoRa Wireless Transceivers
- IOT Gateways
- Calibrators & Simulators
- Customized SCADA Systems
- Customized Product Development for OEMs





Sensors



Process Indicators



Process Controllers



Two Setpoint Controller



Three Setpoint Controller



Four Setpoint Controller



PID Controllers



**Process
Scanners**



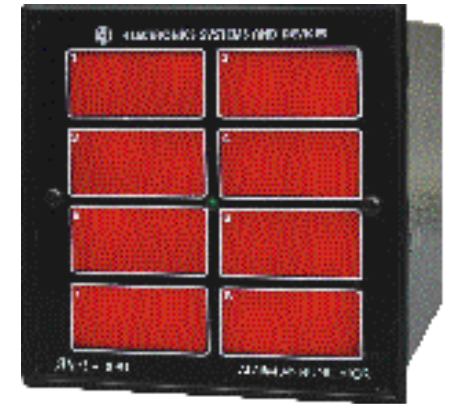
**Data Loggers With PC
USB Pen Drive & Cloud
interface**



**Alarm
Annunciators
16 points**



**Hooter with
Visual Flasher**



**Alarm
Annunciators
8 points**



Various options for Loop Powered Indicators (LCD, LED and in Flameproof)



2 & 4 Wire transmitters and Signal Isolators



Flow Indicator Totalizers & Open Channel Flow Meters



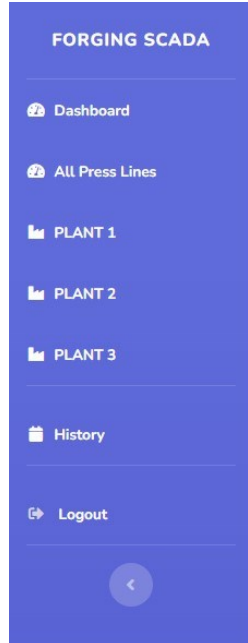
Process Loop Calibrators



Auto-Manual Stations



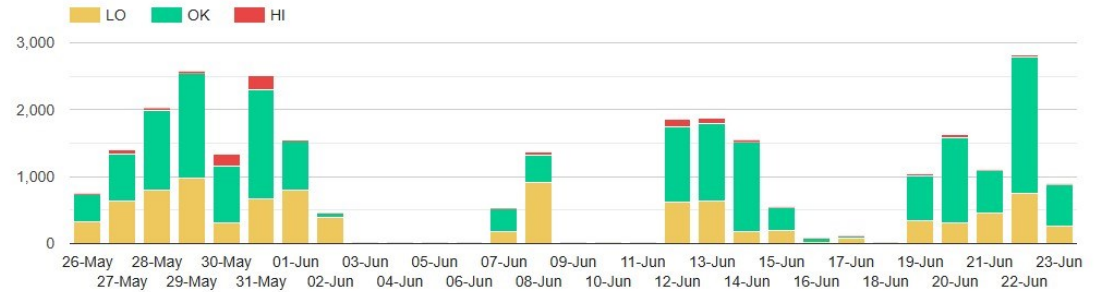
Portable Calibrator



Showing Trend data

Plant Head

« PLANT 1 / 1604P



Note: Rows with zero count are highlighted with different background color. Total Days = 8

Sr.No.	Date	Low Count	OK Count	High Count	Total Count
1	24-Jun-2024, Mon	23	321	3	347
2	23-Jun-2024, Sun	265	616	10	891
3	22-Jun-2024, Sat	743	2042	31	2816
4	21-Jun-2024, Fri	463	629	8	1100



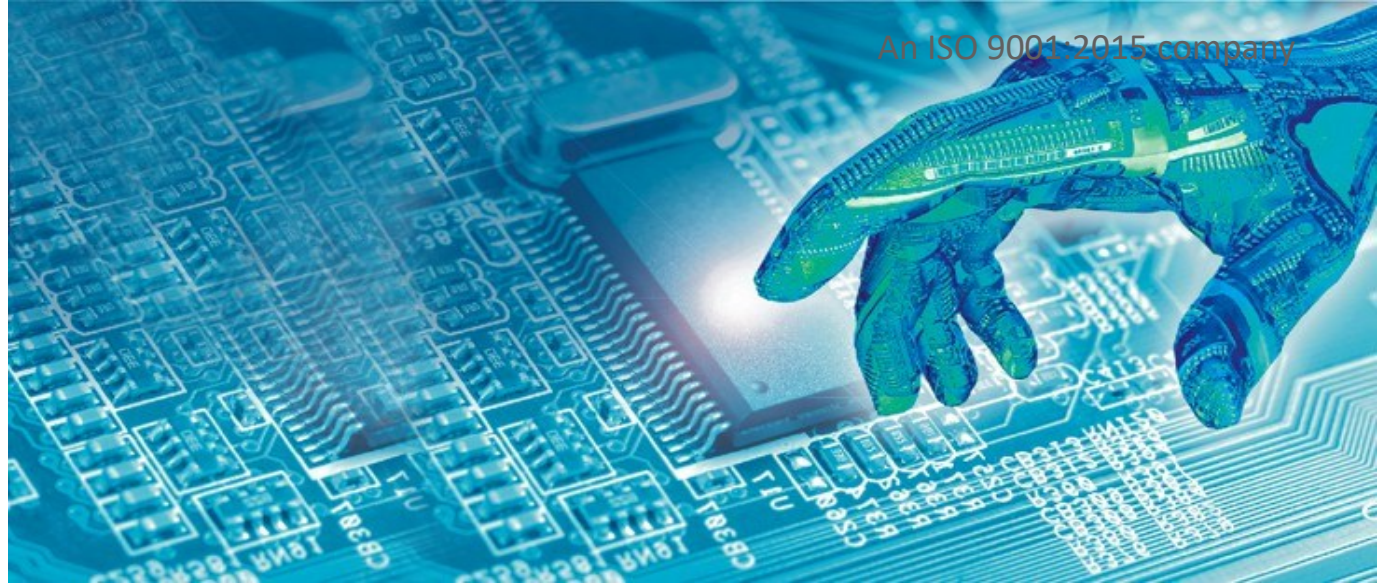
Industrial IoT Gateway and Cloud WebApp



ESD has a fully dedicated Software Division for developing of Desktop and Web Applications as per customers requirements.

Here are the technologies we have an expertise in





ESD offers Embedded Software Services for entire product development right from Electronic Circuit designing, PCB design, Firmwar development and prototype testing.

Here are controllers we have successfully used in products.





Clients

An ISO 9001:2015 company



imagination at work



LG

Life's Good



PEPSICO

TATA MOTORS





Industries Served

- **Air Conditioning & Refrigeration**
- **Automotive**
- **Boilers & Ovens & Furnaces**
- **Breweries & Distilleries**
- **Cement**
- **Chemical**
- **Cold Storage**
- **Control Panel Manufacturers**
- **Dairy & Food Processing**
- **Defense**
- **Engineering**
- **Educational Institutes**
- **Fertilizers**
- **Foundry & Forging**
- **Laboratories**
- **Machine Tools**
- **Pharmaceutical**
- **Plastic & Rubber**
- **Power Generation & Distribution**
- **Refineries, Oil & Gas distribution**
- **Sugar**
- **Textile**



**We at ESD realize that Teamwork is one our ultimate strengths.
We have pretty Open Culture @ work. You can reach anyone of us!**

- **Late P. B. Shitole**
Founder
Constant source of inspiration
- **P. M. Mane**
Founder, Director
+91-9850632062
- **K. A. Shitole**
Manager, Accounts & Purchase
+91-9922508439
- **S. R. Mahamuni**
Manager, Quality Assurance
+91-8805787575
- **G. P. Mane**
Partner, Design
+91-9850743353
- **T. P. Shitole**
Partner, Design
+91-9822012442
- **R. P. Mane**
Partner, Marketing
+91-9850602184
- **Mrs. G. V. Nigade**
Partner, Sales
+91-9922508440



Website: www.esd-india.com



Head Office:

ESD House, 55 Hadapsar Industrial Estate
Pune 4110013, Phone: +91-20-26819611

Bhosari:

T Block, 165/1/4 Priyadarshani Industrial Premises
Bhosari MIDC, Pune 411028

Kolhapur:

Shop #3, Manumaya Apartment,
Baker Lane, New Shahupuri, Kolhapur 416001

Nashik:

Office #203, Shreenath Enclave, Mumbai Naka,
Nashik 422001,

Navi Mumbai:

125 Turbhe Industrial Park, C-56/1, South Central R
TTC, Turbhe MIDC, Navi Mumbai 400705

Aurangabad:

Office 316 Sai Trade Centre, Station Road,
Aurangabad 431005



We at **ESD** contribute towards Social Causes in whichever way its possible. Activities are mainly focused on following aspects:

- **Water Conversation**

Work for this is carried under the roof of Pani Panchayat.

Visit www.panipanchayat.org for more details.

- **Organic Farming**

There is a very active group of Orgranic Famers from various parts of Maharashtra. We have a network of about 300+ farmers and once every 2 months, these farmers meet up regularly for discussion forums. On an average 50-70 farmers attend the discussion forums every time.

- **Education in Rural parts**

Lot of activity is carried out on regular basis to support experimental schools from rural parts towards educational needs.



Technomech was established in **1987** to cater to needs of Prime Mover Test Equipments. Along with it, it also ventured into Control Panel fabrication and Contract Assembly work.

Technomech is a known for providing world class Dynamometers & Control Panel facility.

Constant innovation, focus on precision & uncompromising quality has led to technological excellence at affordable costs. This has made us the leader in the field of Prime Mover Testing.

Visit www.technomech.in to know more.



System Engineering since 1984 has been serving the electronic and instrumentation industry with wide range of indigenously developed high quality instrument cabinets. The range includes DIN size square and rectangular for panel mounting, wall mounting and table top models.

Its pioneers manufacturers of Instrument cabinets in India. Cabinets are available in DIN 43700 sizes with various depths to suit Customer requirements. The front facia is made of ABS plastic & the enclosure is made from specially selected branded CRCA steel with epoxy powder coating.

Visit www.dinenclosures.com for more.



We would love to hear from you,
write to: sales@esd-india.com

