

ENGINEERING • SINCE DAY ONE

YANTRATECH SOLUTIONS

INDUSTRIAL INSTRUMENTATION & ELECTRICAL EQUIPMENT

Precision Instruments.

Confident Decisions.

Comprehensive Technical Product Catalogue for Industrial Meters, Process Calibrators, Electrical Test Equipment, Switchgears & Metrology Instruments.

PAN-INDIA COMMERCIAL SUPPLY & TECHNICAL SUPPORT

Website: www.yantratechsolutions.co.in | Phone: +91 8655813866

Catalogue Overview & Categories

Yantratech Solutions supplies industry-grade instruments, testing and measuring tools, panel meters, switchgears, and process equipment across India. Every instrument is sourced with manufacturer-backed technical reliability and warranty support.

Featured Product Index

1. True-RMS Digital Multimeter (Fluke Fluke 115)	Electrical Testing & Measurement
2. Digital Clamp Meter 400A AC (Meco 27-Auto)	Electrical Testing & Measurement
3. Digital High Voltage Insulation Tester 5kV (Rishabh Rish Insu 5000)	Electrical Testing & Measurement
4. Multifunction Power & Energy Meter (Selec MFM384)	Industrial Panel & Process Instruments
5. Infrared Thermal Imaging Camera with Ignite Cloud (FLIR FLIR E8 Pro)	Temperature & Environmental Instruments
6. Infrared Thermometer -50°C to 1050°C (HTC IR-88)	Temperature & Environmental Instruments
7. Multi-Function Process Loop Calibrator (HTC CAL-800)	Calibration Instruments
8. Digital Vernier Caliper 150mm / 6-inch (INSIZE 1108-150)	Dimensional Metrology & Gauges

Enquiries & RFQ Orders

To request commercial quotations, bulk contractor pricing, or technical datasheets, please reach out to our team:

- Sales Helpline: +91 8655813866
- Email: sales@yantratechsolutions.co.in
- Web Portal: <https://www.yantratechsolutions.co.in/catalogue>

Office: C-4 Mayuresh CHS, Ganesh Mandir Road, Manda Titwala (E), Maharashtra 421605

FLUKE • Fluke 115

True-RMS Digital Multimeter

Electrical Testing & Measurement — Digital Multimeters

Compact True-RMS digital multimeter for field service technicians, electrical troubleshooting, and electronic testing.

Key Technical Highlights:

- ' True-RMS for accurate measurements on non-linear loads
- ' Large white LED backlight for working in poorly lit areas
- ' Resistance, continuity, frequency, and capacitance measurements
- ' Min/Max/Average with elapsed time to record signal fluctuations
- ' CAT III 600 V safety rating

Specifications Matrix:

DC Voltage	600.0 mV to 600.0 V (Accuracy $\pm 0.5\% + 2$)
AC Voltage	600.0 mV to 600.0 V (True-RMS, 45 Hz to 1 kHz)
AC/DC Current	Up to 10.00 A continuous (20 A overload for 30s)
Resistance	Up to 40.00 M: $\bullet$
Capacitance	1000 nF to 9999 ;Ä`

Commercial Enquiries: +91 8655813866 | Model Code: Fluke 115

MECO • 27-Auto

Digital Clamp Meter 400A AC

Electrical Testing & Measurement — Clamp Meters

3¾ digit 4000 counts autoranging digital clamp meter with non-contact voltage detector and frequency measurement.

Key Technical Highlights:

- ' 4000 counts high-contrast LCD display
- ' Auto and manual ranging
- ' Data hold and max hold functions
- ' Audible continuity tester and diode test
- ' Jaw opening 26 mm max cable diameter

Specifications Matrix:

AC Current	40A, 400A AC ($\pm 2.5\% + 5$)
AC Voltage	4V to 600V AC ($\pm 1.2\% + 5$)
DC Voltage	400mV to 600V DC ($\pm 0.8\% + 3$)
Resistance	400: Fò C Ó©
Frequency	10Hz to 10MHz

Commercial Enquiries: +91 8655813866 | Model Code: 27-Auto

RISHABH • Rish Insu 5000

Digital High Voltage Insulation Tester 5kV

Electrical Testing & Measurement — Insulation Testers

Microprocessor-controlled 5000V digital insulation resistance tester with Polarization Index (PI) and Dielectric Absorption Ratio (DAR).

Key Technical Highlights:

- ' Selectable test voltages: 500V, 1000V, 2500V, 5000V
- ' Insulation resistance measurement up to 5 T:•
- ' Automatic calculation of PI and DAR
- ' Guard terminal to eliminate surface leakage errors
- ' Rugged heavy-duty industrial field case

Specifications Matrix:

Test Voltages	500V, 1000V, 2500V, 5000V
Resistance Range	Up to 5 T:' ...@era-Ohm)
Short Circuit Current	1.4 mA nominal
Timer Function	Selectable 1 to 30 minutes
Display	Backlit dual display with bar graph

Commercial Enquiries: +91 8655813866 | Model Code: Rish Insu 5000

SELEC • MFM384

Multifunction Power & Energy Meter

Industrial Panel & Process Instruments — Digital Panel Meters

3-phase 4-wire multifunction power meter with LCD display, THD measurement, and RS485 Modbus RTU communication.

Key Technical Highlights:

- ' True-RMS measurement of voltage, current, active/reactive/apparent power
- ' Measures Total Harmonic Distortion (THD) up to 31st harmonic
- ' Import / Export active and reactive energy registers
- ' RS485 Modbus RTU for SCADA, EMS, and PLC connectivity
- ' Standard 96x96 mm panel mounting enclosure

Specifications Matrix:

Input Voltage	11 to 300 V AC (L-N), 19 to 519 V AC (L-L)
Input Current	Nominal 5A AC (Field programmable 1A/5A CT secondary)
Accuracy	Class 1.0 (Class 0.5s optional)
Display	Liquid Crystal Display with backlight
Interface	RS485 Modbus RTU (Half Duplex)

Commercial Enquiries: +91 8655813866 | Model Code: MFM384

FLIR • FLIR E8 Pro

Infrared Thermal Imaging Camera with Ignite Cloud

Temperature & Environmental Instruments — Thermal Imaging Cameras

Professional handheld thermal camera with 320x240 thermal resolution, MSX image enhancement, and touchscreen.

Key Technical Highlights:

- ' 320 x 240 true infrared resolution (76,800 pixels)
- ' FLIR MSX technology adds visible details over thermal images
- ' 3.5-inch 640x480 color touchscreen display
- ' Built-in Wi-Fi and automatic upload to FLIR Ignite cloud
- ' Rugged pistol-grip housing drop-tested up to 2 meters

Specifications Matrix:

IR Resolution	320 × 240 pixels (76,800 detector pixels)
Thermal Sensitivity / NETD	<0.04°C (<40 mK)
Object Temperature Range	-20°C to 550°C (-4°F to 1022°F)
Field of View (FOV)	33° × 25°
Focus	Focus-free

Commercial Enquiries: +91 8655813866 | Model Code: FLIR E8 Pro

HTC • IR-88

Infrared Thermometer -50°C to 1050°C

Temperature & Environmental Instruments — Infrared Thermometers

Wide-range dual laser non-contact infrared thermometer with adjustable emissivity and fast 150ms response.

Key Technical Highlights:

- ' Dual laser targeting for pinpoint spot accuracy
- ' High optical distance-to-spot ratio (D:S = 30:1)
- ' Adjustable emissivity from 0.10 to 1.0
- ' High and Low audio-visual alarm thresholds
- ' Max/Min/Diff/Avg temperature recording

Specifications Matrix:

Temperature Range	-50°C to 1050°C (-58°F to 1922°F)
Optical Resolution	30:1 distance to spot size
Response Time	Less than 150 ms
Emissivity	Digitally adjustable 0.10 to 1.00
Spectral Response	8 to 14 ;µm

Commercial Enquiries: +91 8655813866 | Model Code: IR-88

HTC • CAL-800

Multi-Function Process Loop Calibrator

Calibration Instruments — Process Calibrators

Precision source and measure multi-function process calibrator for mA loops, DC voltage, thermocouple, and RTD signals.

Key Technical Highlights:

- ' Simultaneous source and measure functionality
- ' Measure and simulate 4-20 mA current loops with 24V loop power
- ' Calibrate RTD (Pt100, Pt1000) and Thermocouple (J, K, T, E, R, S, B, N) sensors
- ' Fast 25% step and auto-ramp calibration sequences
- ' High 0.02% measurement and sourcing accuracy

Specifications Matrix:

DC Voltage Source / Measure	0 to 10 V (Accuracy 0.02%)
DC Current Source / Measure	0 to 24 mA (Resolution 0.001 mA)
Loop Power Supply	24 V DC ±10%
Temperature Sensors Supported	Pt100, Cu50, K, J, T, E, R, S, B
Display	Backlit dual parameter LCD display

Commercial Enquiries: +91 8655813866 | Model Code: CAL-800

INSIZE • 1108-150

Digital Vernier Caliper 150mm / 6-inch

Dimensional Metrology & Gauges — Digital Calipers

Precision stainless steel digital caliper with 0.01mm resolution, thumb roller, and hardened ground measuring faces.

Key Technical Highlights:

- ' Hardened stainless steel frame and measuring jaws
- ' Four-way measurement: Outside, Inside, Depth, and Step
- ' Zero setting at any position with mm/inch conversion button
- ' Data output port for SPC quality documentation
- ' Conforms to DIN 862 international dimensional standard

Specifications Matrix:

Measuring Range	0 - 150 mm / 0 - 6 inch
Resolution	0.01 mm / 0.0005 inch
Accuracy	±0.02 mm
Material	Hardened Stainless Steel
Battery	CR2032 lithium cell with auto-off function

Commercial Enquiries: +91 8655813866 | Model Code: 1108-150