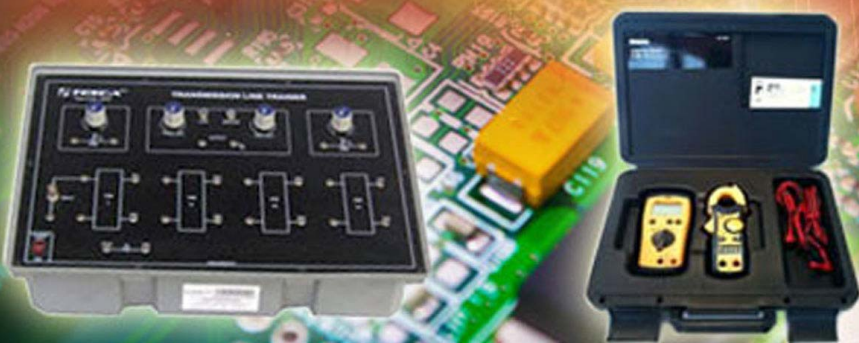


Quality, Value, Support & Delivery



Engineering / Medical Lab Solutions and Supplies

- ▶ **Industrial Equipments**
- ▶ **For Technical Institutions**
- ▶ **Scientific Instruments**
- ▶ **Medical and Research Equipments**



PH: 0484 - 2807068, 2808068
MOB: +91 9447 007 068



Profile



Elmactics Enterprises established in 2001 is an ISO 9001-2008 certified company that has a strong presence in Education, Healthcare, Environmental and Industrial Sectors. Elmactics Enterprises has risen to be one of the major and largest scientific instruments suppliers in south India. Today Elmactics Enterprises stands at the pinnacle as the only dealer of its kind in India with all the items in one spot.

It has vast capacities for trading and exports. Elmactics Enterprises has also evolved capacities and capabilities to supply sophisticated machinery for industrial application. Ideas are translated into innovative technology solutions through state of the art Research and Development at Elmactics Enterprises. Through a team work approach to excellence in quality at Elmactics Enterprises, its fraternity of satisfied clients is steadily growing.

Elmactics Enterprises pioneered the growth of many scientific instruments manufactures. It hailed as the leader of this fast growing segment of scientific instruments business in India. Our progressive thinking made us conscious of the need to offer solutions for institutional requirements and this led to the inception of many companies for manufacture scientific instruments. Appreciating the customers need for quality, prompt delivery and service, we decided to integrate export unit along with the business. We ensure the excellent quality of products and timely delivery and service to the customer. This far-sightedness has placed Elmactics Enterprises as one of the major companies in the South India for sourcing & distribution business of engineering laboratory instruments. Its export destinations will expand to more countries will establishing a reputation synonymous with reliability and excellent quality.

Quality, Value, Support & Delivery

Products

»» For Industries

Our ever increasing ability is the basis for implementation of innovative technologies in the form of reliable products and efficient system solutions. We cater the needs of Space Research, Defense Establishment, R&D Institutions, Power, Railways, Shipping, Petro Chemical, Steel, Cement and other segments.

»» Test and Measuring Instruments

Elmactics Enterprises is involved in the field of Test and Measuring, Calibration, Condition Monitoring Instruments. We ensure the provided instruments are rugged, reliable, accurate, and time tested in the harsh industrial and out door environments.

- | | |
|--------------------------------|--------------------------|
| ▶ Digital Storage Oscilloscope | ▶ UV light Meters |
| ▶ AC/DC Ammeters/ Voltmeters | ▶ Oxygen Meters |
| ▶ Frequency Meters | ▶ PH Meters |
| ▶ Power Factor Meters | ▶ Conductivity Meter |
| ▶ Wattmeter's | ▶ Hygro Meters |
| ▶ Earth Resistance Tester | ▶ Force Gauge |
| ▶ Insulation Tester | ▶ Distance Meter |
| ▶ Capacitance Meter | ▶ Synchro Scope |
| ▶ Multimeters | ▶ Power Analyzer |
| ▶ LCR Meters | ▶ Harmonic Analyzer |
| ▶ Clamp Testers | ▶ PyranoMeter |
| ▶ Anemometers | ▶ Power Quality Analyzer |
| ▶ Sound Level Meters | ▶ Infrared Thermometers |
| ▶ Lux Meters | ▶ High Voltage Tester |
| ▶ Vibration Meters | ▶ Optical Power Meter |
| ▶ RF Field Strength Meters | ▶ Relay Test |
| ▶ Solar Power Meters | ▶ Vernier Calipers |
| ▶ Moisture Meters | ▶ Micrometers |
| ▶ Distance Meters | ▶ Height Gauges |

Products

- ▶ Slip Gauges
- ▶ Depth Gauges
- ▶ Alcohol Tester
- ▶ Battery Capacitor Tester
- ▶ Micro – Ohm Meter
- ▶ Tacho Meters
- ▶ Hot Wire Anemometers
- ▶ Digital Thermometers
- ▶ Color Analyzer
- ▶ ACA Leakage Tester
- ▶ Digital Stroboscope
- ▶ Automatic Pump Testing Machine
- ▶ Automatic Motor Testing System
- ▶ Transformer Test Bench
- ▶ Pipe Leak Meter
- ▶ Velocity Meter



Quality, Value, Support & Delivery

Products

For Industries » Equipments and Consumables

With the rapid industrialization the demand of various equipments and consumables for erection, commissioning has increased many folds. We provide material handling, safety products, welding, cutting, consumables and equipments.

- ▶ Thermal Imaging Cameras
- ▶ Sensor/ Transducers
- ▶ Temperature Controllers
- ▶ Servo stabilizers
- ▶ Cable Fault Locators
- ▶ PCB Prototyping Machines
- ▶ Soldering Stations
- ▶ Discharge Rods
- ▶ Electrical Test Benches
- ▶ Phasing Rods
- ▶ DC Power Sources
- ▶ Smoke Absorber
- ▶ Magnifying Lamp
- ▶ Buried Fiber Fault Locators
- ▶ Ultrasonic Cleaners
- ▶ Welding Machines
- ▶ Welding Electrodes
- ▶ Welding/Cutting Consumables
- ▶ Safety Products
- ▶ Servo Stabilizers



Products

For Technical Institutions

Our Academic solutions for Technical Institutions are making studies easy and enjoyable. We provide Equipments and Instruments for various Engineering streams to under Graduate, Graduate, Post Graduate and Research level programs.

» Electrical Engineering

We are expertise in setting up various labs for Electrical Engineering on Trunkey basis. It includes Machine lab, High voltage lab, Measurement lab, Power system lab, Power electronics lab and also helps to provide solutions and needs for project works.

- ▶ AC Motor with Loading Arrangements
- ▶ DC Motor with Loading Arrangements
- ▶ Motor Generator Coupled Set
- ▶ Motor Alternator Coupled Set
- ▶ Cascade Machine Set
- ▶ DC Rectifier Unit
- ▶ Rheostats
- ▶ Auto Transformers
- ▶ Isolation Transformers
- ▶ AC Distribution Panel Board
- ▶ DC Distribution Panel Board
- ▶ Motor Expire mental Panel Board
- ▶ Coupled Machines Panel Board
- ▶ Phase Shifting Transformers
- ▶ Potential Transformers
- ▶ Current Transformers
- ▶ Resistive Load
- ▶ Capacitive Load
- ▶ Inductive Load
- ▶ Whetstones Bridge
- ▶ Kelvin's Bridge
- ▶ Sherins Bridge
- ▶ Slide Wire potentiometer
- ▶ Vernier Potentiometer
- ▶ Crompton Potentiometer



Quality, Value, Support & Delivery

Products

- ▶ Voltage Ratio Box
- ▶ Standard Cell
- ▶ Standard Resistance
- ▶ Hebert Magnetic Standard
- ▶ Anchor Ring
- ▶ Standard Solenoid
- ▶ Portable Voltmeter
- ▶ Portable Watt/P.F meter
- ▶ Analog/Digital Tachometer
- ▶ Power Analyzer
- ▶ Flux Meter
- ▶ Trivecto Meters
- ▶ Oil Test Set
- ▶ Primary Injectors
- ▶ Phantom Loads
- ▶ CT & PT Testing Sets
- ▶ Micro ohm meters
- ▶ Power Electronics Trainer
- ▶ Transmission Line Trainers
- ▶ Electrical Machine Trainers
- ▶ AC/DC High Voltage Test Set
- ▶ Primary current Injection Test Set
- ▶ PLC Load Test Sets
- ▶ Impulse Generator
- ▶ High Voltage Spark Tester
- ▶ Contact Resistance Meter
- ▶ Winding Resistance Meter
- ▶ Sphere Gap Testing Unit
- ▶ Rod Gap Testing Unit
- ▶ Capacitor Bank
- ▶ Resistance Divider
- ▶ Capacitive Voltage Divider
- ▶ Transmissi online Simulation unit
- ▶ Universal relay Test
- ▶ Artificial Rain making Equipment
- ▶ Transformer Oil Test Kit



Products

For Technical Institutions » Electronics / Communication Engineering

Elmactics is a leading and reliable supplier of full range of Instruments and Trainers used in Electronics and Communication and other related emerging technologies. It includes Microwave, Embedded System, VLSI, Fiber Optics, Digital Signal Processing, RFID, Radar, Satellite Communication etc.

- ▶ Cathode ray Oscilloscopes
- ▶ Digital storage Oscilloscopes
- ▶ PC Based Oscilloscopes
- ▶ Function/Signal Generators
- ▶ Pattern Generators
- ▶ Spectrum Analyzer
- ▶ Optical Light Source
- ▶ Logic Analyzers
- ▶ DC Regulated Power Supplies
- ▶ Decade Capacitance Box
- ▶ Decade Inductance Box
- ▶ Decade Resistance Box
- ▶ Portable Meters (AC/DC)
- ▶ Digital IC Testers
- ▶ Linear IC Testers
- ▶ Electronic component Testers
- ▶ Universal Programmers
- ▶ Bread Boards
- ▶ Logic Probes
- ▶ BNC/Crocodile Probes
- ▶ Soldering Iron
- ▶ Component Organizers
- ▶ Rheostats
- ▶ Linear IC Trainer
- ▶ Digital IC Trainer
- ▶ Microprocessor Trainer
- ▶ Microcontroller Trainer
- ▶ PIC Trainer
- ▶ VLSI Trainer
- ▶ Analog Communication Trainer
- ▶ Digital Communication Trainer
- ▶ Microwave Trainer
- ▶ Fiber Optic Trainer
- ▶ Antenna Trainer
- ▶ RFID Trainer
- ▶ Satellite Communication Trainer
- ▶ Radar Trainer
- ▶ PLC Trainer
- ▶ CDMA Trainer
- ▶ LAN Trainer
- ▶ Telephone Trainer
- ▶ EPBX Trainer
- ▶ CRO Trainer
- ▶ FG. Trainer
- ▶ Color TV Trainer
- ▶ LCD/LED TV Trainer
- ▶ Computer Application Trainer
- ▶ SMPS Trainer

Products

For Technical Institutions »» Civil/Architecture Engineering

Elmactics offers state of the art instruments and Equipments in the field of Civil Engineering. We bring the leading edge technologies at your door steps. We offer testing solutions for Metal, Wood, Cement, Concrete and other construction materials.

Material Testing Instruments

- ▶ Universal Testing Machine
- ▶ Tensile Testing Machine
- ▶ Spring Testing Machine
- ▶ Pendulum Impact Tester
- ▶ Bend Testing Machine
- ▶ Torsion Testing Machine for Rod/Wires
- ▶ Rockwell Hardness Tester
- ▶ Spring Testing Machines
- ▶ Torsion Testing Machine
- ▶ Universal Wood Testing Machine
- ▶ Fatigue Testing Machine
- ▶ Impact Testing Machine
- ▶ Burdging Strength Tester
- ▶ Erichsen Tester
- ▶ Mounting Press
- ▶ Rain Gauge
- ▶ Water Current Meter
- ▶ Weighing Balance
- ▶ Offset Rod
- ▶ Plain Table Set
- ▶ Drawing Boards
- ▶ Survey Chain/ Zarib
- ▶ Prismatic Compass
- ▶ Survey Compass
- ▶ Survey Umbrella
- ▶ Tracing Table
- ▶ Ghat Tracer
- ▶ Edge Binding Machine
- ▶ Measuring Tapes
- ▶ Alidate
- ▶ Abney Level
- ▶ Tangent Clinometer

Survey lab Instruments

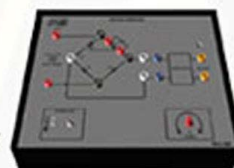
- ▶ Total Station
- ▶ Theodolite
- ▶ Automatic Level
- ▶ Dumpy Level
- ▶ Tripod
- ▶ GPS
- ▶ Digital Level
- ▶ Digital Planimeter
- ▶ Distance Meter
- ▶ Distomett
- ▶ Metric Chain
- ▶ Leveling Staff/Stand
- ▶ Open cross staff
- ▶ Line Ranger
- ▶ Sipirit Level
- ▶ Stop Watch
- ▶ Magnifying Glass
- ▶ Pantograph
- ▶ Ranging Rod
- ▶ Laser Level
- ▶ Sound Level Meter
- ▶ Pachometer

Cement, Lime, Plaster, Concrete & Motor Testing Instruments

- ▶ Air Permeability Apparatus
- ▶ Laboratory Cement Autoclave

Products

- ▶ Shrinkage Bar Mould
- ▶ Plaster Extensometer
- ▶ Vicat Needle Apparatus
- ▶ Gill more Needle apparatus
- ▶ Standard Cone apparatus
- ▶ Calorimeter for heat of hydration apparatus
- ▶ Brazilian test apparatus
- ▶ Demoulding apparatus
- ▶ Jolting apparatus
- ▶ Briquette mould
- ▶ Air content Apparatus
- ▶ Compression testing mortar prism
- ▶ Length Comparator
- ▶ Blaine's Air Permeability Apparatus
- ▶ Filter Paper Disc Cutter
- ▶ Lea And Nurse Air Permeability Apparatus
- ▶ Le Chatelier Mould Ring Mould
- ▶ Water Bath
- ▶ Kelley Ball Penetration Apparatus
- ▶ Southard Viscometer
- ▶ Vee Bee Consistometer
- ▶ Slump Test Apparatus
- ▶ Air Pentrainment Meter
- ▶ Flow Table
- ▶ Laboratory Concrete Mixer
- ▶ Longitudinal Compressometer
- ▶ Length Comparator
- ▶ Jolting Apparatus
- ▶ Flexure Testing Machine
- ▶ Taming Rod
- ▶ Tamping Bar
- ▶ Cube Mould
- ▶ Cylindrical Mould
- ▶ Beam Mould
- ▶ Capping Set
- ▶ Warmer
- ▶ Vibrating Table/ Machine
- ▶ Hydraulic Jack
- ▶ Compression Testing Machine
- ▶ Tensile Strength Tester
- ▶ Cement Tensile Testing Machine
- ▶ Concrete Test Hammer
- ▶ Permeability Apparatus
- ▶ Flexure Testing Machine
- ▶ Beam Testing Machine
- ▶ Bulk Density Measures
- ▶ Core Case
- ▶ Tile Flexure Testing Machine
- ▶ Thickness Gauge
- ▶ Needle Vibrator
- ▶ Jaw Crusher
- ▶ Pulveriser
- ▶ Roll Crusher
- ▶ Core Bit
- ▶ Motor Mixer
- ▶ Compaction factor Apparatus



Quality, Value, Support & Delivery

Products

Soil Testing Instruments

- ▶ Limit Set
- ▶ Penetrometer
- ▶ High Speed Stirrer
- ▶ Liquid Limit Device
- ▶ Grain Size Analysis
- ▶ Plummert Balance
- ▶ Marsh Cone
- ▶ Soil Hydrometer
- ▶ Mud Balance
- ▶ Sand pouring Cylinder
- ▶ Core Cutter
- ▶ Harvard Miniature Compactor
- ▶ Miniature Field Permeameter
- ▶ Moisture Tins
- ▶ Pycnometer
- ▶ Vicsberg Renetrometer
- ▶ Proctor Needles
- ▶ North Dakota Cone
- ▶ Moisture Meter
- ▶ Soil Trimmer
- ▶ Soil Lathe Bench Mounting
- ▶ Water Level Indicator
- ▶ Lateral Pressure Assembly
- ▶ Volume Change Gauge
- ▶ Swell Testing Apparatus
- ▶ Lowa Bearing Value Apparatus
- ▶ Impact Testing Machine
- ▶ California Bearing Ratio Apparatus
- ▶ Point Load Index Tester
- ▶ Brazilian Test Apparatus
- ▶ Static Cone Penetrometer
- ▶ Sieves
- ▶ Sieve Shaker
- ▶ Plate Bearing Test
- ▶ Compression Proving Rings

Tar, Bitumen & Bituminous Testing Instruments

Soil Testing Instruments

- ▶ Soil Testing Kit
- ▶ Consolidation Apparatus
- ▶ Pressing & Extraction Equipment
- ▶ Dames and Moore Sampler
- ▶ Piston Sampler
- ▶ Constant Volume Mould
- ▶ Permeability Apparatus
- ▶ Jodhpur Permeameter
- ▶ Unconfined Compression Test Apparatus
- ▶ Turrent Type 30 Speed Gear Box
- ▶ Triaxial Shear Test Apparatus
- ▶ Universal Textile Shear Apparatus
- ▶ Pore Pressure Apparatus
- ▶ Ring & Ball Apparatus
- ▶ Standard Penetrometer
- ▶ Ductility Testing Apparatus
- ▶ Stripping Value Apparatus
- ▶ Benkleman Beam
- ▶ Centrifuge Extractor
- ▶ Marshall Stability Test Apparatus
- ▶ Automatic Bituminous Compactor
- ▶ Standard Tar Viscometer
- ▶ Pour Point of Bituminous Compounds
- ▶ Float Test Apparatus for
- ▶ Tar and Bitumen
- ▶ E.V.T. Viscometer
- ▶ Apparatus for Tension Test

Products

- ▶ Impact Penetration Tester
- ▶ Flexibility and Adhesion Tester
- ▶ Road Unevenness Indicator

Road Unevenness Tester

- ▶ Profilograph for Recording Irregularities of Road and Runway

Aggregate Testing Instruments

- ▶ Thickness Gauge
- ▶ Length Gauge
- ▶ Cylindrical Measures
- ▶ Metal Measures
- ▶ Density Basket
- ▶ Riffle Sample Divider
- ▶ Aggregate Crushing Value Apparatus
- ▶ Aggregate Impact Tester
- ▶ Deval Attrition Tester
- ▶ Dorry Abrasion Testing Machine
- ▶ Pug Mill
- ▶ Los Angeles Abrasion testing Machines
- ▶ Asphalt Testing Instruments
- ▶ Core Cutting Machine
- ▶ Rock Cutting Machine

Metallurgical Instruments

- ▶ Specimen Mounting Press
- ▶ Polishing Stand
- ▶ Mounting Press
- ▶ Specimen Leveler
- ▶ Metallurgical Specimen Cut-off-Machine
- ▶ Polishing Machines
- ▶ Abrasive Cut-off Machine
- ▶ Carbon & Sulphur Apparatus
- ▶ Muffle Furnace
- ▶ Forton's Barometer
- ▶ Hardness Tester

- ▶ Metallurgical Microscope
- ▶ Hot Air Oven
- ▶ Salt Mist Chamber
- ▶ NML Samples
- ▶ Platinum Crucibles
- ▶ Metallurgical Microscope



Products

General Testing Instruments

- ▶ Soil Thermometer
- ▶ Scoops
- ▶ Dead Weight Tester
- ▶ Flow Cup Viscometer
- ▶ Willy Mill
- ▶ High Temperature Furnace
- ▶ Humidity Chamber
- ▶ Laboratory Pulverizer
- ▶ Autoclave
- ▶ Hot Air Oven
- ▶ Electric Muffle Furnace
- ▶ Hot Plates
- ▶ Water Still
- ▶ Vacuum Pump
- ▶ Shaking Machine
- ▶ Digital Ph Meter
- ▶ Magnetic Stirrer
- ▶ Oil Bath
- ▶ Heating Mantles
- ▶ Ball Mill
- ▶ Humidity Cabinet
- ▶ Jar Test Apparatus
- ▶ V.D.R.L.
- ▶ Bore Hole Extensometer
- ▶ Slake Durability Test Apparatus
- ▶ Oblique Shear Equipments
- ▶ Rock Toughness Tester
- ▶ Rock Classification Hammer
- ▶ Brazilian Test Apparatus
- ▶ Polishing and Girding Machine
- ▶ Hydraulic Pressure Cells
- ▶ Core Face Preparation Jig
- ▶ Rock Bolt Tester
- ▶ Triaxial Test Equipment
- ▶ Flat Jacks
- ▶ Field Shear Box
- ▶ Tape Extensometer



Rock Core Cutting & Drilling Instruments

- ▶ Rock Cutting Machine
- ▶ Diamond Cutter
- ▶ Rock Core Drilling Machine
- ▶ Lapping machine
- ▶ Point Road Tester



Products

For Technical Institutions »» »» Mechanical

Leveraging on our years of experience in the industry, we under take the supply of all kind of precision instruments for the industry and test houses in Mechanical, Automobile, Aeronautics, Marine Engineering and other related fields.

Metallurgical Lab

- ▶ Tool Makers Micro Scopes
- ▶ Metallurgical Micro Scopes
- ▶ Profile Projectors
- ▶ Lathe/Milling/Drilling/Grinding Tool Dynamometers
- ▶ Surface Roughness Tester
- ▶ Michelson Interfero Meter
- ▶ Robotic Arm Trainer
- ▶ Pneumatic Trainer
- ▶ Hydraulic Trainer
- ▶ Auto Collimator
- ▶ Surface Plate
- ▶ Dead Weight Pressure Gauge Tester
- ▶ Floating Carriage Micrometer
- ▶ Calibration Test Rig- Venturimeter
- ▶ Flow through Notches
- ▶ Reciprocating Pump Test Rig
- ▶ Pipe friction Apparatus
- ▶ Summersible Pump Test Rig
- ▶ Bernoullis Apparatus

Thermal Engineering Lab

- ▶ Parallel Flow/counter Heat Exchanger
- ▶ Twin cylinder Diesel engine TestRig/
- ▶ Hydraulics Dynamometer
- ▶ Thermal conductivity Apparatus
- ▶ Natural convection Apparatus
- ▶ 2/4 stroke Engine cut model
- ▶ Air condition Test Rig
- ▶ Petrol Engine Test Ring
- ▶ Refrigeration Test Rig
- ▶ Shell & Tube Heat Exchanger

Hydraulics Lab

- ▶ Centrifugal Pump Test Rig
- ▶ Flow through orifice/mouth piece
- ▶ Caplan Turbine Test Ring
- ▶ Francis Turbine Test Rig
- ▶ Pelton Turbine Test Rig



Quality, Value, Support & Delivery

Products

For Technical Institutions »» Marine/Aeronautical Engineering

- ▶ SUB SONIC WIND TUNNEL
- ▶ SUPER SONIC WIND TUNNEL
- ▶ COMBUSTION PERFORMANCE STUDY IN RAM / PULSE JET ENGINE ALONG WITH COMBUSTION CHAMBER.
- ▶ GASEOUS OXYGEN ROCKET MOTOR COMBUSTION EXPERIMENT
- ▶ FLAME PROPAGATION & STABILITY UNIT
- ▶ CAVITATIONS APPARATUS
- ▶ CONTINUOUS COMBUSTION UNIT
- ▶ DETERMINATION OF HEAT OF COMBUSTION OF SOLID, LIQUID FLUIDS
- ▶ STATIC AND TOTAL PRESSURE PROBES
- ▶ BEAM TEST SET -UP (SSB & CANTILEVER BEAM)
- ▶ UNSYMMETRICAL SECTIONS LIKE 'Z' SECTION
- ▶ CHANNEL/ANGLE SECTION
- ▶ CONSTANT STRENGTH BEAM SET UP
- ▶ COMBINED BENDING AND TORSION SET UP
- ▶ PHOTO – ELASTIC APPARATUS
- ▶ WAGNER BAM SET UP(WITH HYDRAULIC JACK)
- ▶ DIGITAL THERMO ANEMOMETER
- ▶ TEMPERATURE INDICATOR (RATIOMETER TYPE)
- ▶ ALTIMETER ABSOLUTE PRESSURE SENSOR
- ▶ ENGINE SPEED INDICATOR ELECTRICALLY OPERATED INCLUDING SENSOR.
- ▶ COLUMN TESTING APPARATUS (MANUAL TYPE)
- ▶ D.C. SERVO MOTOR (SPEED - TORQUE) DEMONSTRATION UNIT
- ▶ A.C. SERVO MOTOR (SPEED - TORQUE) DEMONSTRATION UNIT
- ▶ A.C. POSITION SERVO SYSTEM DEMONSTRATION UNIT
- ▶ D.C. POSITION SERVO SYSTEM DEMONSTRATION UNIT
- ▶ STEPPER MOTOR DEMONSTRATION UNIT WITH 10 KG CM TORQUE MOTOR
- ▶ LINEAR SYSTEM SIMULATOR
- ▶ TYPE "0" CONTROL SYSTEM
- ▶ TYPE "1" CONTROL SYSTEM
- ▶ TYPE "2" CONTROL SYSTEM
- ▶ TEST SIGNAL GENERATOR FOR TYPE "0" , "1" , "2" CONTROL SYSTEM
- ▶ STUDY OF SECOND ORDER NETWORKS

Products

Propulsion Lab Equipments

- ▶ PL1 - FREE & FORCED CONVECTIVE APPARATUS
- ▶ PL2 - CASCADE AEROFOIL SYSTEM WITH MANOMETER
- ▶ PL3 - X-Y COORDINATE 2D TRAVERSE MECHANISM
- ▶ PL4 - NOZZLE PRESSURE DISTRIBUTION TEST RIG
- ▶ PL5 - NOZZLE PERFORMANCE TEST RIG
- ▶ PL6 - FREE & WALL JET EXPERIMENT
- ▶ Column Test Rig
- ▶ Instrumentation Engineering
- ▶ Temperature Control Trainer
- ▶ Level Control Trainer
- ▶ Flow control Trainer
- ▶ Valve characteristics Apparatus
- ▶ Multi loop control Trainer
- ▶ Data Acquisition Trainer
- ▶ Process Control Trainer
 - a. Current to Pressure Control Trainer
 - b. Pressure to Current Control Trainer
 - c. Control valve Characteristics Trainer
 - d. ND Trainer
 - e. Level Control Loop Trainer
 - f. Pressure Control Loop Trainer
 - g. Temperature Control Loop Trainer
 - h. Flow Control Loop Trainer
 - i. ON-OFF Controller of Temperature Trainer

Aerodynamics Lab Equipments

- ▶ Axial Flow Fan
- ▶ Super Sonic Wind Tunnel
- ▶ Water Channel for visualization
- ▶ Six Component Balance System
- ▶ Cavitation Apparatus
- ▶ Sub Sonic Wind Tunnel
- ▶ F. Bomb Calorimeter

Aircraft Structures Lab Equipments

- ▶ Photo Elastic Apparatus
- ▶ Strain Rosette
- ▶ Thin walled pressure vessel
- ▶ Logarithmic Decrement of Damped System
- ▶ Whirling Psychrometer
- ▶ Wet & Dry Bulb Thermometer
- ▶ Thermo Hydrograph

Products

»» Scientific Instruments

We provide a wide range of products for basic and advanced science streams like Physics, Nano-Science, Cryogenics, and Marine etc. Our product range includes a large variety of simulation software's also.

Range of Products

- ▶ Electrostatic Lab
- ▶ Magnetism Lab
- ▶ Van De Graaff Generator
- ▶ Inverse Square Law Demonstrator
- ▶ Coulomb's Law Demonstrator
- ▶ Moment of Inertia Table Setup
- ▶ Viscosity Measurement Apparatus
- ▶ Young's Modulus Setup
- ▶ Post Office Box Trainer
- ▶ De Sauty's Schearing Bridge Setup
- ▶ Carey Foster's Bridge Setup
- ▶ Callender and Griffith's Bridge Setup
- ▶ Boyle's Law Demonstrator
- ▶ Acceleration Measurement Setup
- ▶ Sonometer
- ▶ Melde's Electrical Vibrator
- ▶ Seebeck and Peltier Demonstrator
- ▶ Optics Bench
- ▶ Fresnel Biprism Setup
- ▶ Nodal Slide Assembly Setup
- ▶ Resolving Power of Telescope
- ▶ Ray Optics Study Setup
- ▶ Divergence of Laser
- ▶ Half Shade Polarimeter
- ▶ Malus Law Setup
- ▶ Newton's Ring apparatus
- ▶ Measurement of wavelength of Laser by Diffraction Grafting
- ▶ Spectrometer Setup
- ▶ Travelling Microscope
- ▶ Hall Effect Setup
- ▶ Gauss & Tesla Meter
- ▶ Measurement of Susceptibility of Paramagnetic solution
- ▶ e/m Measurement Setup
- ▶ Resistivity & Band Gap Measurement (Four Probe method)
- ▶ Semiconductor Energy Band Gap Measurement Setup
- ▶ Hysteresis Loop Tracer
- ▶ Ultrasonic Measurement Lab
- ▶ Geiger Muller Counting System
- ▶ Planck's Constant determination using LED
- ▶ Thermal Expansion Trainer (Pullinger's Apparatus)
- ▶ Lee's Disc Setup
- ▶ Resonance Tube Setup
- ▶ High Resistance Measurement

Products

- ▶ Malus Law Setup
- ▶ Newton's Ring apparatus by Leakage Method
- ▶ Introductory Nano Kit
- ▶ Nano Tio₂, Solar Cell kit
- ▶ Ferro Fluid Demonstrator

Equipments for Medical & Research Institutions

The product sourced and supplied for medical & research institutions are of top-notch quality and high reliability. Our medical solutions are helping in accurate diagnosis and study for the professionals.

For Research Institutions

- ▶ Autoclave
- ▶ Balance
- ▶ Ball Mill
- ▶ Blood Mixer
- ▶ BOD Incubator
- ▶ Bomb Calorimeter
- ▶ Rain Gauge
- ▶ Centrifuge
- ▶ Colony Counter
- ▶ Color Comparator
- ▶ Colorimeter
- ▶ Conductivity Meter
- ▶ Do Meter
- ▶ Distillation Unit
- ▶ Filter Paper
- ▶ Flame Photometer
- ▶ Gerber Centrifuge
- ▶ Hemoglobin Meters
- ▶ Hot Air Oven
- ▶ Incubator
- ▶ Imported Models
- ▶ Karl fisher Titration
- ▶ Magnetic Stirrer with Hot Plate
- ▶ Microscope
- ▶ Moisture Balance
- ▶ Muffle Furnace
- ▶ Nephelometer
- ▶ Petroleum Products
- ▶ PH Meter
- ▶ Potentio Meter
- ▶ Semi Auto Analyzer
- ▶ Spectrophotometer
- ▶ TDS Meter
- ▶ Turbidity Meter
- ▶ Ultra sonicator
- ▶ UV Cabinet
- ▶ Water and Soil Test Kit
- ▶ Bulk density Apparatus

Products

Oil Testing Instruments

- ▶ Flow Cup Viscometer
- ▶ Pensky Martens Flash Point Apparatus
- ▶ Carbon Residue Apparatus
- ▶ Cloud and Pour Point Apparatus

For Medical Institutions

- ▶ ECG cum Heart Rate Monitor
- ▶ 12Lead ECG Simulator
- ▶ Respiration Rate Monitor
- ▶ Understanding Electro-myograph
- ▶ Electro-encephalograph Simulator
- ▶ Study of Phonocardiograph System
- ▶ Heart Pulse Measurement(Transmission Method)
- ▶ Blood pressure Measurement Trainer
- ▶ Single Channel ECG Telemetry
- ▶ Study of 12 Lead ECG
- ▶ Pacemaker Simulator
- ▶ Arrhythmia Monitor
- ▶ Basic of Anesthesia Machine
- ▶ Working of Medical Ultrasound Machine
- ▶ Multi-parameter Monitor
- ▶ Artificial Muscle Trainer
- ▶ Tablet Disintegration
- ▶ Tablet Dissolution
- ▶ Tablet Friability
- ▶ Tablet Hardness Tester

Principals

Brands



Enriching Lives



SES Instruments Pvt. Ltd.



Toshniwal Industries Pvt.



Unitech Scales and measurements Pvt. Ltd.



Quality, Value, Support & Delivery

Clientele

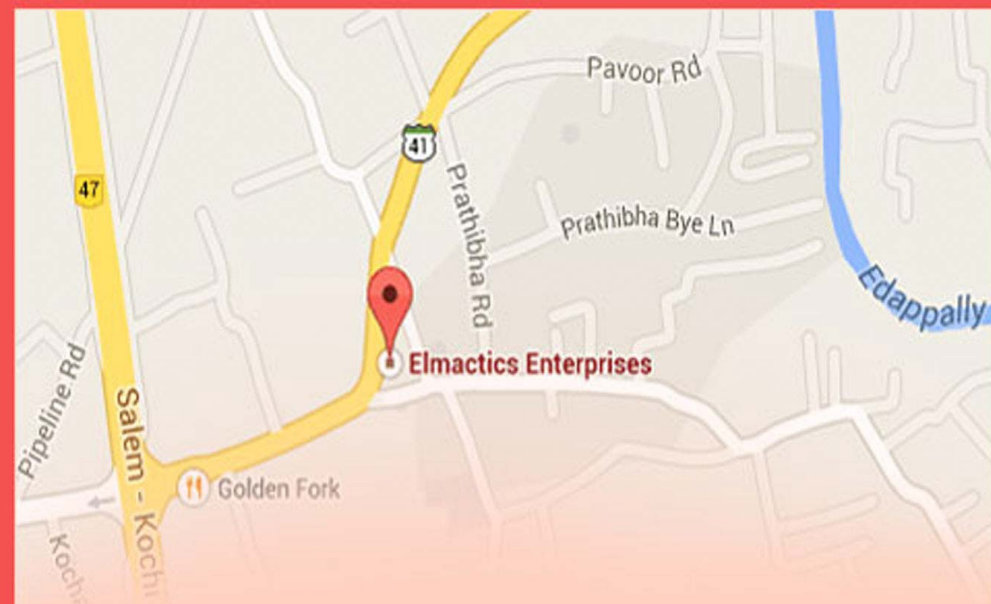
ADI SHANKARA INSTITUTE OF ENGINEERING & TECHNOLOGY, KALADY
 AHALIA SCHOOL OF ENGINEERING AND TECHNOLOGY, PALAKKAD
 ALBERTAIN INSTITUTE OF SCIENCE AND TECHNOLOGY, KALAMASSERY
 ACE COLLEGE OF ENGINEERING AND TECHNOLOGY, TRIVANDRUM
 AL-AMEEN ENGINEERING COLLEGE, PALAKKAD
 AL-AZHAR COLLEGE OF ENGINEERING AND TECHNOLOGY, IDUKKI
 AMAL JYOTHI COLLEGE OF ENGINEERING, KANJIRAPALLY
 AMRITA SCHOOL OF ENGINEERING, KOLLAM
 ARYANET INSTITUTE OF TECHNOLOGY, VADAKKENTE KADU, PALAKKAD
 AWH ENGINEERING COLLEGE, CALICUT
 BASELIOS THOMAS I CATHOLIC COLLEGE OF ENG.&TECH.,
 KOOTHATTUMKULAM
 BASELIOS MATHEWS II COLLEGE OF ENGINEERING, SASTHAMKOTTA
 BISHOP JEROME INSTITUTE, KOLLAM
 CALICUT UNIVERSITY INSTI. OF ENGG.AND TECHNOLOGY, MALAPPURAM
 CARMEL ENGINEERING COLLEGE, RANNI
 COCHIN COLLEGE OF ENGINEERING AND TECHNOLOGY,
 MALAPPURAM/COCHIN
 CAARMEL POLYTECHNIC COLLEGE, ALAPUZHA
 COLLEGE OF APPLIED SCIENCES (VARIOUS)
 COLLEGE OF ENGINEERING (VARIOUS)
 COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANNUR
 CO-OPERATIVE INSTITUTE OF TECHNOLOGY, VADAKARA
 DIRECTORATE OF TRAINING INDUSTRIAL TRAINING DEPARTMENT,
 TRIVANDRUM
 FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY, ERNAKULAM
 GOVERNMENT ENGINEERING COLLEGES (VARIOUS)
 GOVT. POLYTECHNIC COLLEGES (VARIOUS).
 GOVT.WOMENS POLYTECHNIC COLLEGES (VARIOUS)
 GURUDEVA INSTITUTE OF SCIENCE AND TECHNOLOGY, KOTTAYAM
 HEERA COLLEGE OF ENGINEERING AND TECHNOLOGY, TRIVANDRUM
 HOLY GRACE ACADEMY OF ENGINEERING, MALA
 HOLY KINGS COLLEGE OF EGN. AND TECHNOLOGY, PIRAVOM, ERNAKULAM
 IES COLLEGE OF ENGINEERING, THRISSUR
 ILAHIA COLLEGE OF ENGINEERING, MUVATTUPUZHA
 INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH, TRIVANDRUM

Clientele

INDIRA GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ERNAKULAM
 INSTITUTE OF ENGINEERING AND TECHNOLOGY, CALICUT UNIVERSITY (UCC)
 JAWAHARLAL COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAKKAD
 JOHN COX MEMORIAL CSI INSTITUTE OF TECHNOLOGY, TRIVANDRUM
 JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, THRISSUR
 KELAPPAJI COLLEGE OF AGRICULTURAL ENG. AND TECH, MALAPPURAM
 KMCT COLLEGE OF ENGINEERING, CALICUT
 KMEA ENGINEERING COLLEGE, EDATHALA ERNAKULAM
 KVM COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY,
 CHERTHALA
 LBS COLLEGE OF ENGINEERING, KASARAGOD/ TRIVANDRUM
 LOURDES MATHA COLLEGE OF SCIENCE & TECH.TRIVANDRUM
 MAR ATHANASIOS COLLEGE OF ENGINEERING, KOTHAMANGALAM.
 MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR, KOTTAYAM
 MAR BASELIOS CHRISTIAN COLLEGE OF ENGINEERING & TECH.
 PEERUMEDU
 MAR BASELIOS COLLEGE OF ENGINEERING & TECH.TRIVANDRUM
 MAR BASELIOS INSTITUTE OF SCIENCE AND TECHNOLOGY,
 KOTHAMANGALAM
 MARIAN ENGINEERING COLLEGE, THIRUVANANTHAPURAM
 MES COLLEGE OF ENG. AND TECHNOLOGY,
 KOLLAM/KUTTIPURAM/ERNAKULAM
 METS SCHOOL OF ENGINEERING, MALA
 MOHANDAS COLLEGE OF ENGINEERING AND TECHNOLOGY, NEDUMANGAD
 MUSALIAR COLLEGE OF ENGINEERING, TRIVANDRUM/PATHANAMTHITTA
 MUTHOOT INSTITUTE OF TECHNOLOGY & SCIENCE PUTHERCURU,
 ERNAKULAM
 MUSLIM ASSOCIATION COLLEGE OF ENGINEERING, VENJARAMOODU
 NATIONAL INSTITUTE OF TECHNOLOGY, NIT CAMPUS, CALICUT
 NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE (NCE),
 THRISSUR
 NEHRU COLLEGE OF AERONAUTICS APPLIED SCIENCE, COIMBATORE
 NEHRU INSTITUTE OF ENGINEERING & TECH, COIMBATORE
 NEHRU COLLEGE OF PHARMACY, THRISSUR
 N S S COLLEGE OF ENGINEERING, PALAKKAD
 P.A AZIZ COLLEGE OF ENGINEERING AND TECHNOLOGY, TRIVANDRUM

Clientele

PINNACLE SCHOOL OF ENGINEERING AND TECHNOLOGY, KOLLAM
 RAJAGIRI SCHOOL OF ENGINEERING & TECH. KAKKANAD, ERNAKULAM
 RAJIV GANDHI INSTITUTE OF TECH., KOTTAYAM
 ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY, TRISSUR
 SAHRUDAYA COLLEGE OF ENGINEERING & TECHNOLOGY, TRISSUR
 SAINTGITS COLLEGE OF ENGINEERING, PATHAMUTTOM, KOTTAYAM
 SARABHAI INSTITUTE OF SCIENCE AND TECH., TRIVANDRUM
 SCMS SCHOOL OF ENGINEERING & TECH., KARUKUTTY
 SCHOOL OF ENGINEERING CUSAT, COCHIN
 SHM ENGINEERING COLLEGE, KOLLAM
 SNM INSTITUTE OF MANAGEMENT & TECH., MALIANKARA
 S.N.D.P YOGAM COLLEGES, KONNI.
 SREE BUDDHA COLLEGE OF ENGINEERING, ALAPPUZHA/PATHANAMTHITTA
 SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING, TRIVANDRUM
 SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING, KOLENCHERY
 SREE NARAYANA INSTITUTE OF TECHNOLOGY, ADOOR
 SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY, THRISSUR
 SRI VELLAPPALLY NATESAN COLLEGE OF ENGINEERING, ALAPPUZHA
 ST.JOSEPH'S COLLEGE OF ENGINEERING & TECH., PALAI
 T.K.M COLLEGE OF ENGINEERING, KOLLAM/EZHUKON
 THEJUS ENGINEERING COLLEGE, THRISSUR
 TOC H INSTITUTE OF SCIENCE & TECH., ERNAKULAM
 TRAVANCORE ENGINEERING COLLEGE, AYOOR, KOLLAM
 TRINITY COLLEGE OF ENGINEERING, TRIVANDRUM
 TECHNICAL HIGHER SECONDARY SCHOOLS (VARIOUS)
 UNIVERSITY COLLEGE OF ENGINEERING, TRIVANDRUM/THODUPUZHA
 UKF COLLEGE OF ENGINEERING AND TECHNOLOGY, KOLLAM
 UNIVERSAL ENGINEERING COLLEGE, KODUNGALLUR, THRISSUR
 VALIA KOONAMBAIKULATHAMMA COLLEGE OF ENG AND TECHNOLOGY
 VIJNAN INSTITUTE OF SCIENCE AND TECHNOLOGY, ERNAKULAM
 VIDYA ACADEMY OF SCIENCE AND TECH. THRISSUR/TRIVANDRUM
 VIMAL JYOTHI ENGINEERING COLLEGE, CHEMPERI, KANNUR
 VISWAJYOTHI COLLEGE OF ENGINEERING & TECH., MUVATTUPUZHA
 VOCATIONAL HIGHER SECONDARY SCHOOLS (VARIOUS)
 YOUNUS COLLEGE OF ENGINEERING,
 PALLIMUKKU/KANNANALLOOR/THALACHIRA
 KELTRON, KARAKULAM, TRIVANDRUM
 NAVAL PHYSICAL & OCEANOGRAPHIC LABORATORY, KOCHI(NPOL)
 LULU INTERNATIONAL SHOPPING MALL, EDAPPILLY
 ALL INDIA RADIO, PATHIRAPALLY, ALAPPUZHA
 ANERT AGENCY FOR NON CONVENTION ENERGY, THYCAUD, TRIVANDRUM



33/153L, 1st Floor, SNDP Shopping Complex

Alinchuvadu, Edappally, Cochin - 682 024

Mobile: 91 9447 007 068

Phone : 0484 - 2807068, 2808068

Fax : 0484 - 2807068

Email : info@elmactics.com, elmatik1@rediffmail.com
 elmactics@gmail.com

Branch Office:

TC 52/2319, Nemom Jn,

Nemom P.O. Thiruvananthapuram 695020

