



Technology Exchange Services Pvt. Ltd.

Engineering
Teaching & Research
Laboratory Equipments



Technology Exchange Services Pvt. Ltd.

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ABOUT US

At TEX, we strongly believe that sustainable industrial development of any society requires engineers and technicians adequately trained in the art of technology, equipped with operational as well as management skills embedded with high standards of ethics and professionalism. Also, in order to prepare "Industry Ready" engineers and technicians, their teaching and training courses in must be reinforced by hands on laboratory experiments and tools. Also, such laboratory experiments and tools must reflect the priorities of existing and future needs of industry and thus teaching/ training programs. TEX was established to serve this cause of equipping engineering & technical laboratories and R & D centers with much needed laboratory and pilot scale experimental set ups and tools. It is an aim of TEX to expand the horizons of engineering and technical education by providing safe, multipurpose, innovative, reliable and result oriented products.

Commendable acceptance of our products has resulted into substantial expansion of our product range and offerings. Our product offerings cover extensive range of laboratory and pilot scale experimental setups, trainers, cut sections and tools as required by the engineering and technical laboratories as well as R & D centers. We also specialize in designing and fabricating custom pilot plant and R & D laboratory equipment.

Over the years of relentless pursuit to expand our quality product offerings, we have accomplished a substantial task of conceptualizing, designing and manufacturing/ sourcing more than 500 different experimental set ups, trainers and cut-sections for various engineering disciplines including Chemical, Civil, Electronics, Mechanical, Electrical, Petroleum, Instrumentation and Environmental Engineering. Laboratories covered by our product range include Fluid Mechanics, Fluid Machines, Unit Operations (Fluid Flow, Heat Transfer, Mass Transfer and Mechanical Operations), Process Control, Refrigeration and Air Conditioning, Internal Combustion Engines, Automobile Engineering, Waste Treatment, Workshop Machinery, Analytical and Electronics Kits. Our manufacturing and fabrication facilities comprise of state-of-the art facilities for performing different types of welding, machining, grinding, metal sheet cutting, bending, polishing and pipe bending. Each of our product goes through rigorous performance and quality checks before the dispatch.

Please feel free to contact us with your needs and we will do our best to meet them in a timely and cost-effective way.

OUR PEOPLE

At the heart of our continuing success is our committed, talented, skilled and experienced manpower comprising a team of 50 strong individuals and their insatiable desire to provide quality products to meet growing needs of engineering and technical education. Apart from our full time workforce, we are also fortunate to have support of consultants from reputed organizations helping us with development of new products and upgrading existing product range.

We also have a team of experienced and highly qualified specialists skilled at the art of contemporary design techniques is available to work on custom design projects and products as well as laboratory planning.

Our specialists, consultants and engineers are well trained and qualified to provide hands on training for our product range and related training courses to students as well as trainers.

Quality Assurance

All the decisions from design to commissioning of our products are driven by four basic principles.

- Safety
- Value for money
- Lasting performance
- Reliability

Motive behind these principles is to exceed customer's expectation first time and every time.

We are proud to say that with such principles used in conjunction with continuous demand for higher quality standards at every step of product development from both internal and external suppliers have enabled us to achieve much better products compared to our competitors.

To reinforce our commitment to offer best quality and total customer satisfaction, we provide free replacement guarantee for any component in our products that failed due to manufacturing defect for TWO years from the date of supply*. This is an unprecedented guarantee in this industry and is enabled only by our persistent pursuit for sourcing best components and practicing good manufacturing practices.

*We also offer extended guarantee over and above TWO years for just 10-20% of the purchase cost of the equipment for every year, provided such extended warrantee is purchased along with the product.

Air Conditioning & Refrigeration

We Offer Excellent Quality of Air Conditioning and Refrigeration Systems. Our Product Range Includes Gas Charging Unit, Refrigerant Cycle, Water Cooler Trainer, Air Conditioning, Condensing Unit, and Ice Plant Trainer. Manufactured Using High-Grade Materials to Ensure Quality and Fast Reliable Measurements.



Air Conditioning Trainer



Air Conditioning Direct & Indirect Refrigeration System



Heat Pump Test Rig



ICE Plant Trainer



Package AC Plant



Vapour Compression System Test Rig

Other Products

- A/C Tutorial Model
- Air Conditioner Trainer
- Air Conditioning Direct & Indirect Refrigeration System
- Air Water Heat Pump
- Air-Conditioner Test Rig With Humidification & Dehumidification System
- Bottle Cooler
- Car A/C Tutorial Model
- CASCADE Refrigeration
- Compressor Tester
- Condensing Unit Trainer
- Cooling Tower
- Deep Freeze
- Fan Coil Unit
- Gas Charging Unit
- Ice Plant Trainer
- Mechanical Heat Pump
- Package AC Plant
- Recovery Unit
- Refrigeration Cycle Trainer
- Refrigeration Trainer
- Shell & Tube Chiller
- Shell & Tube Condensor
- Split Air Conditioning Test Rig
- Thermo Electric Pump
- Vapour Absorption Cycle Trainer
- Water Cooler
- Water Cooler Trainer
- Water To Water Heat Pump Trainer
- Window Air Conditioner Trainer

Analytical Equipments

For Perfect & Errorless Analysis Work, The Equipment Must be With Superior Quality. For This Purpose, We Provide Best Quality Products of Analytical Lab. Like Air Sampler, Baths Water, Freezers, Heaters Etc. We Offer a Cost-Efficient Product of Analytical Lab for Long Term Use.

TEX is the Authorized Dealer / Trader & Manufacturer of The Following Analytical Equipments.



BOD Incubator



Furnace



Laminar Air Flow



Peristaltic Pump



Vacuum Oven



Water Bath

Other Products

- Air Sampler
- Analyzers-Chemical
- Auto Dispenser (Pipetting Machine)
- Auto Titrator
- Autoclaves
- Baths-Water
- Biological Cabinets
- BOD Incubator
- Calorimeters
- Centrifuges
- Chillers
- Chromatography GC
- Circulators
- COD Reactor
- Colony Counters
- Compressors
- Conductivity Meter
- Conductivity TDS Meter
- D.O. Meter
- Deep Freezers
- Desicators
- Disintegration/Dissolution
- Distillation-Water
- Dry Block Heaters
- Dry Cabinets
- Electronics Balances
- Electrophoresis
- Element Analysis
- Environmental Chambers (Humidity Control Chamber)
- Filtration Unit
- Flame Photometers
- Flash Point
- Food Analyzers
- Freezers
- FTIR
- Fume Hood
- Furnaces 1000-3000degC
- Furnaces-Special
- Furnaces-Tube
- Gas Generators
- Heaters
- Heating Mantles
- Heating Tapes
- Hotplate & Stirrers
- Humidifiers
- Humidity Control Oven
- Ice Maker
- Incubators
- K F Apparatus
- Kjeldahl Method Apparatus
- Laminar Air Flow
- Low temperature water bath
- Melting Point
- Microscopes
- Muffle Furnace
- Oil Bath
- Orbital Shaking Incubator (Cooling)
- Orbital Shaking Incubator (Heating)

Automobile Engineering

Nowadays, Automobile Field is Being Modernized Day by Day with Wide Range of Equipment & with R & D Operations. We Offer a Wide Range of Instruments Which is Highly Accurate, Multi-Utility Instruments Designed for Critical and Complex Process. Understand and Learn Mechanics With Latest Lab Equipment.

TEX is the Authorized Dealer / Trader & Manufacturer of The Following Automobile Engineering Equipments.



Air Brake Assembly



Auto Electrical Test Bench



Air Bag Simulator



Cut Section Model of Tractor



Diesel Engine Test Rig



Working Condition of MPFI Petrol Engine Fault Simulation Board

Other Products

BRAKE ASSEMBLY

- Air / Drum Brake Assembly
- Air Bag Simulator
- Auto Electrical Test Bench
- Disc Brake with Caliper Assembly
- Disc with Drum Combined Brake Assembly
- Injector Cleaner Machine
- Mechanical Brake Assembly
- Multi Scan Tool with Oscilloscope
- Petrol/ Diesel Engine Test Rig With Eddycurrent/ Hydraulic / Electrical /Rope Brake Dynamometer
- Tube /Tyre Vulcanizing Machine
- Ultrasonic Injector Cleaner Machine
- Vacuum Assisted Hydraulic Brake Assembly

CUT SECTION MODELS

- Automatic Transmission
- Chassis of 4/6 Wheeler
- Constant/ Sliding Mesh Gear Box
- Cross Ply & Radial Tyres

- Centrifugal/ Diaphragm/ Single Plate Clutch Assembly
- Full Floating / Semi-Floating/ Transfer Case Axle Assembly
- Mock Layout of a Car
- Power Window
- Radiator Cross/ Down Flow
- Shock Absorber
- Synchronous Gear Box
- Tractor
- Torque Converter
- Turbocharger
- 4/6 Cylinder 4 Stroke Diesel Engine
- 4 Cylinder 4 Stroke Petrol Engine
- 2/4 Stroke single Cylinder Petrol engine
- 4 Stroke single Cylinder Diesel engine

DEMONSTRATION BOARD

- Different Type of Sensor (Petrol/ Diesel)
- Electronic Ignition System
- MPFI / CRDI System
- 2 Wheeler Ignition System

FAULT SIMULATION BOARD

- CRDI Diesel Engine 4/6 Cylinder Four Stroke
- MPFI Petrol Engine 4 Cylinder Four Stroke
- Petrol MPFI 4 - Cylinder 4 -Stroke Engine With CNG Set Up Working Condition
- SWIVELING STAND FOR DISMANTLING & ASSEMBLING
- CRDI Diesel Engine 4/6 Cylinder Four Stroke
- MPFI Petrol Engine 4 Cylinder Four Stroke
- STATIONARY ENGINE
- Single Cylinder 4 Stroke Water/ Air cooled Diesel Engine
- Two Cylinder 4 Stroke water cooled Diesel Engine
- STEERING SYSTEM
- Power / Recirculating Ball Steering
- Rack & Pinion/Worm & Roller Steering
- AND MANY MORE...

Civil Engineering

The Field of Civil Engineering is a Very Important Field to Develop Infrastructure Facilities All over the World. Civil Engineering Projects Largely Depend on The Quality of Their Equipment. We Have Equipped Laboratories which Provide Practical Instruction to Our Clients. We Provide All Details About Research Areas and Specific Equipment.

TEX is the Authorized Dealer / Trader & Manufacturer of the Following Civil Engineering Instruments.



Accelerated Curing Tank



Bitumen Penetrometer



Compression Testing Machine - Digital



Izod Impact Testing Machine



Los Angeles Abrasion Testing Machine



Universal Testing Machine (Computerized)

Other Products

AGGREGATE TESTING

- Aggregate Crushing Value Apparatus
- Aggregate Impact Value Testing Machine
- Buoyancy Balance
- Cylindrical Metal Measure
- Density Basket
- BITUMEN BITUMINOUS MIX TESTING
- Asphalt Ignition Oven
- Automatic Marshal Compactor
- Benkelman Beam Apparatus
- Bitumen Extractor Electrically Operated
- Bitumen Extractor Hand Operated
- CEMENT TESTING
- Accelerated Curing Tank
- Blain Air Permeability Apparatus
- Cement Autoclave

- Compression Testing Machine - 500 KN Capacity
- CONCRETE TESTING EQUIPMENT
- Accelerated Curing Tank
- Air Entertainment Meter
- Compaction Factor Apparatus
- Compression Testing Machine - Digital
- Compression Testing Machine - Electrically Operate
- SOIL TESTING EQUIPMENT
- Autolevel Consolidometer
- Bishop pore pressure apparatus
- Cone Penetrometer
- Consolidation Test Apparatus
- SURVEYING EQUIPMENT
- Automatic Levels
- Digital Theodolite
- Dumpy Level
- Laser Distance Meter

- Levelling Staff
- STRENGTH OF MATERIAL TESTING EQUIPMENT
- Motorized Rockwell Hardness Tester
- Tensile Testing Machine
- Torsion Testing Machine
- Twin Load Cell Tensile Testing Machine
- AND MANY MORE...

Electrical Engineering

Our Lab Instruments are high in Standards and are Fully Capable of Providing Accurate Measurements. Our Range Includes All Types Of AC & DC Motors, Various Types Of Generators, Motor- Generator Setups With Control Panel And Many More...



Bath Impregnating Machine



Electrical Machine Trainer



Motor - Generator Setup With
Electrical Panel



Primary Current Injection Set



Single Phase and Three Phase
Transformer with Control Panel



Various Types of AC Machine with
Electrical Panel

Other Products

ALL TYPES OF MOTOR SETUP WITH ELECTRICAL PANELS

- AC Series motor
- AC-DC (Universal) Motor
- AC Repulsion Motor
- DC Motor Shunt
- DC Series Motor / DC Compound Motor
- Induction Motor/ Synchronous Motor
- ALL TYPES OF GENERATOR SETUP WITH ELECTRICAL PANELS
- DC Generator Shunt
- DC Generator Series
- DC Generator Compound
- MOTOR - GENERATOR SETUP WITH ELECTRICAL PANELS
- AC-AC / AC-DC / DC-AC/ DC-DC
- Ammeter Method
- Auto transformer
- Drive Alternator
- Earth Fault Relay Testing System
- Electrical High Voltage Educational Lab
- Electrical machine trainers
- Electrical Safety Demonstrator
- Electrical Workstation

- MCB and HRC Fuse Testing System
- Oil Testing Kit
- Over Current Relay Testing System
- Power Measurement by Three Voltmeter & Three
- Power Measurement by Two Wattmeter Method
- Scott Connection Trainer
- Single and Three Phase Inductive Load
- Single and Three Phase Resistive Load
- Single Phase & Three Phase Capacitive Load
- Single Phase Bridge Converter Drive
- Sumpner's Test of Two Single Phase Transformer
- Synchronous Machine Training System
- Testing System
- Three Phase AC Voltage Controller
- Three Phase Over Current & Earth Fault Numeric Relay
- Three to Six Phase Conversion Trainer
- Thyristor/ IGBT Controlled DC/AC Motor
- Transformers
- Transmission Line Training System
- Under Voltage & Over Voltage Relay Testing System
- Understanding Calibration of Energy Meter

Electronics Engineering

We Create Electronics Engineering Training Kits to Understand Various Electronic Components In A Shorter Production Cycle. The Wide Range of Trainer Kits Encompasses Our Centralized Proactive and Responsive Client's Engagement Strategy. Our Product Range is Always with Superior Technology, Easy to Operate and Easy to Understand.

TEX is the Authorized Dealer / Trader & Manufacturer of the Following Electronics Instruments.



DC Power Supply



Discrete Component Trainer



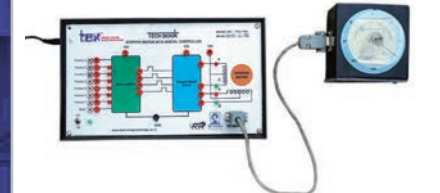
Digital IC Trainer



Electronics Work Bench



Linear IC Trainer



Stepper Motor with Digital Controller

Other Products

BASIC DIGITAL ELECTRONICS LAB

- Basic logic Gates
- Converter
- Counters
- Demultiplexer
- Flip - Flop Circuits
- Half/Full Adder
- Half/Full Subtractor
- Multiplexer
- Multivibrator

LINEAR CIRCUITS LAB

- High/Low Pass Filter
- 555 Using Circuits

MICROPROCESSOR LAB & MICROCONTROLLER LAB

- 8085 Microprocessor Training Kit (LED, LCD)
- 8086 Microprocessor Training Kit (LED, LCD)
- 8051 Microcontroller Training Kit (LED, LCD)

- Interfacing Module
- Study Cards
- POWER ELECTRONICS LAB
- Characteristics of Power Semiconductor
- Inverters
- Phase Control with Trigger Circuits
- Rectifiers & Converter
- Stepper Motor with Digital Controller
- TEST & MEASURING INSTRUMENTS
- CRO
- DC Power Supply
- DSO
- Function Generator
- Sensor Trainer
- Work Bench
- AND MANY MORE...

Environmental Engineering

Environmental Engineering Technologies are Providing New Ways to Treat Waste Water, Reduce Pollution and Harmful Emissions. Under This Range, We Offer Bod, Elutriator, Aeration, Deep Bed, Aerobic & Anaerobic Digester, Deep Bed Filter Column, Fluidization Test Rig, Flocculation Unit, ION Exchange and Model of Sedimentation.



Aerobic - Anaerobic Digester



COD Digestion Apparatus



Elutriator



Flocculation Test Unit



ION Exchange Unit



Incubator

Other Products

- Aeration Unit
- Aerobic Digester
- Anaerobic Digester
- BOD Incubator
- COD Apparatus
- Deep Bed Filter Column
- Digital Colony Counter
- Drainage & Seepage Tank
- Elutriator
- Filter Ability Index Unit
- Flocculation Test Unit
- High Volume Sampler
- ION Exchange Unit
- Lab Scale ETP Plant
- Permeability Fluidization Studies Apparatus
- Scrubber (Packed Column) With Automatic Controls
- Sedimentation Studies Apparatus
- Thickener
- Treatability Studies Test Rig With Control System

Electrical Measurements

For Measuring Electrical Parameters Perfectly, We Provide Customized Products of Digital Meters, Which are User-Friendly & Help to Run the Machinery / System / Equipment without Disturbance.



Other Products

- 3 Phase Multifunction Meter
- 4-20 mA Current Source
- Current Indicator
- Digital Counter
- Digital RPM Indicator
- Digital Timer
- Power Factor Meter
- Process Indicator
- RS-232 To RS-485 Converter
- Sensors (RTD / Thermocouples)
- Single Phase Frequency Meter
- Single Phase Watt Meter
- Temperature Scanner
- Totaliser
- USB To Rs-485 Converter
- Various Range of Digital AC Amp. Meter
- Various Range of Digital AC Voltmeter
- Various Range of Digital DC Amp. Meter
- Various Range of Digital DC Voltmeter
- Voltage Indicator

Above Products are Available in Various Dimentions and Sutable Customise Range With Facility of Communication.

Fluid Flow Operation

Fluid Flow Operations Is A Highly Developed Branch Of Engineering That Has Been The Subject of Continuous and Expanding Research Activity. This Range Offers a Wide Scope of Equipment to Better Understand Fluid Dynamics Easily.



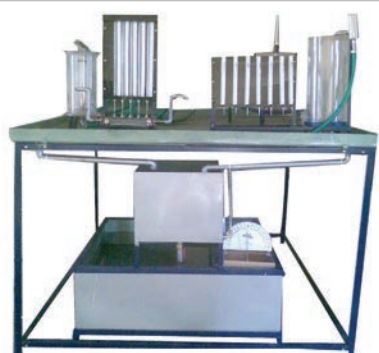
Apparatus For Friction Loss
In Straight Pipe Fitting



Bernoulli's Theorem



Fluid Mixing Studies



Hydraulic Bench



Impact of Jet



Notches and Weirs Apparatus

Other Products

- Air Flow Studies
- Apparatus for Friction Loss in Straight Pipe Fitting
- Bernoulli's Theorem
- Control Valve Characteristics
- ENERGY LOSS STUDIES
- Annular Pipes
- Coil
- Fluid Mixing Studies
- Free and Forces Vortices
- Pipe Fitting
- Pipes
- FLOW MEASUREMENT TEST RING
- Coriolis Meter
- Notches and Weirs
- Orificemeter
- Rotameter
- Turbine Meter
- Venturimeter
- HYDRAULIC BENCH
- Gravimetric

- Impact of Jet Apparatus
- Laminar Flow Table
- Metacentric Height Apparatus
- Notches and Weirs Apparatus
- Reynolds Apparatus
- Volumetric
- TOWER HYDRAULICS
- Cavitation
- Compressible Flow Unit
- Drag Coefficient Measurement
- Orifice & Free Flow Jet
- Packed
- Pipe Surge & Water Hammer
- Pressure Gauge Calibrator
- Trayed
- Velocity Profile Measurement Pitot Tube
- Water Flume
- Wind Tunnel

Fluid Machines

Fluid Machines Range Includes Fan Centrifugal Test Rig, Axial Flow Compressor, Test Rig for Performance Testing of Pelton Wheel Turbine, Centrifugal Pump Test Rig, Air Compressor Test Rig, Gear Pump Test Rig and Reciprocating Pump Test Rig. We Provide Best Quality Instruments to Ensure Hassle-Free Operations.



Air Compressor Test Rig



Centrifugal Pump Test Rig



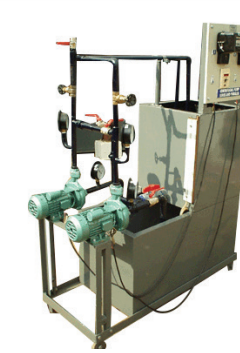
Francis Turbine Test Rig



Pelton Wheel Turbine Test Rig



Reciprocating Pump Test Rig



Series & Parallel Centrifugal
Pump Test Rig

Other Products

- AIR COMPRESSOR TEST RIG
- Axial
- Centrifugal
- Double
- Reciprocating
- Single
- BLOWER TEST RIG
- Centrifugal (Variable Speed with DC Motor)
- Centrifugal (Fixed Speed with AC Motor)
- FAN TEST RIG
- Axial
- Centrifugal
- PUMP TEST RIG (COMPUTER/MANUAL CONTROL)
- Centrifugal
- Diaphragm
- Gear
- Jet
- Mud

- Multistage Centrifugal Pump
- Plunger
- Reciprocating
- Series & Parallel Centrifugal Pump
- Submersible
- TURBINE TEST RIG
- Francis
- Kaplan
- Pelton Wheel

Heat Transfer

We are Actively Engaged in Providing an Extensive Range of Heat Transfer Machinery That Can Be Used In Research and Development in an Efficient Manner. Our Manufactured Equipment is Well Recognized by Our Clients for Their Reliable Quality and Results.



Force Draft Tray Dryer



Heat Transfer by Natural Convection



Plate Type Heat Exchanger



Thermal Conductivity of Insulating Powder



Triple Effect Evaporator



Water Cooling Tower

Other Products

CONVECTIVE HEAT TRANSFER

- Boiling Heat Transfer Apparatus
- Critical Heat Flux Apparatus
- Critical Radius of Insulating - Material
- Emissivity Measurement - Apparatus
- Forced
- Heat Pipe Demonstrator
- Heat Pump Demonstrator
- Natural
- Stefan Boltzmann Apparatus

CONDENSER TRAINER

- Double Pipe
- Enhanced Surface
- Shell & Tube

DRYER TRAINER

- Forced Draft/ Natural Draft/
- Tray Dryer

EVAPORATOR TRAINER

- Agitated Vessel - Jacket & Coil
- Calendria/ Double Pipe

- Open Pan
- Rising/ Falling Film
- Single/ Multiple Effect
- Vacuum/ Atmospheric

HEAT TRANSFER MEASUREMENT

- Lagged Pipe
- Pin Fin
- Unsteady State

HEAT EXCHANGER TRAINER

- Double Pipe
- Finned Tube
- Plate Type
- Shell & Tube
- Spiral

THERMAL CONDUCTIVITY MEASUREMENT APPARATUS

- Composite Wall
- Insulating Powder
- Liquid
- Metal Rod

- Packed Bed
- Slab by Guarded Hot - Plate Method

VACUUM

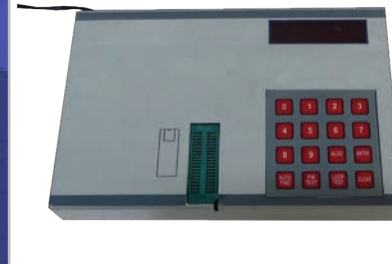
- Fluidized Bed
- Spray

IoT Equipments

The IoT has Already Proven Its Versatility with Deployments Going Live in Various Enterprises. IoT Helps to Improve Safety in The Warehouse and Other Dangerous Work Environments. Internet of Things Use Cases Will Continues to Expand in the Coming Years. We Provide the Best Quality Products of IoT.



DC Regulated Variable Programmable
DC Power Supply Total



Digital IC Teaster



Field Interface and Protocol
Simulation Kit



IT Workbench for computer
hardware and networking



Microcontroller Kits (8051)
along with Programming Software



Sensor Trainer Kit

Other Products

- Analog Component Trainer
- Cloud Based IoT SCADA
- DC Regulated Variable Power Supply
- Digital IC Trainer
- DRONE
- Electrical Safety Trainer
- Electronic circuit simulation software
- Electronics Workbench
- Field Interface and Protocol Simulation Kit
- Internet of Things Explorer
- IoT based Smart Roof Top / Solar Pump system
- IoT Data Acquisition Systems & Protocol Converters
- IoT EDGE Computing Device
- IT Workbench for computer hardware and networking
- Microcontroller kits along with programming software
- Multi Function Test & Measuring Tool
- Sensor Trainer Kit.
- Sensors & Actuator for Irrigation Application

- Sensors for Green House Application
- Sensors for Livestock Monitoring
- SMD Soldering & De soldering Station
- SMD Technology Kit
- Solar Power Lab
- Solar PV Module Analyzer
- Solar Water Pump
- Weather Monitoring System
- Wireless Communication modules for interfacing with microcontrollers

Instrumentation & Process Control

Instrumentation Plays Vital Role for Processing & Control of Any System & Chains of Different Operations in Any Industries. We Offer Our Clients an Optimum Quality Range of Instrumentation & Process Control Lab Instruments Which is Designed Using the Best Grade Components and Latest Technology following the Set Industry Standards Quality.



Flow Control Trainer



Multiloop Control Trainer with DCS



PLC Based Bottle Filling Machine



Pneumatic Temperature Control Trainer



Pneumatic Trainer Kit with PLC



Real PID Control Trainer

Other Products

- Cascade Control Trainer
- Control Valve Characteristics
- DCS Based Distillation Column
- DCS Trainer
- Differential Pressure Transmitter Electronics
- Experimental Setup For Online Conductivity Measurement
- Experimental Setup For Online Dissolved Oxygen Meter Setup
- Experimental Setup for Online PH Measurement
- Feed Forward Control Trainer
- Final Control Element Pneumatic and Electrical Operated
- Flow Control Trainer
- HART Transmitters for Pressure, Level, Flow
- Helical and Turbine Flow Meter
- Hydraulic Trainer
- I to P and P to I Trainer
- Level Control Trainer
- Measurement of Level by Air Purge Method
- Measurement of Level by Capacitance Method
- Paper Less Recorder
- PID Trainer
- PLC Based Bottle Filling Machine
- Pneumatic Trainer
- Pressure Control Trainer
- Ratio Control Trainer
- SCADA Trainer
- Sensor Trainer
- Temperature Calibration Bath
- Temperature Control Trainer
- Temperature Measurement & Calibrator

Mass Transfer

We Offer a Wide Range of Mass Transfer Lab Equipment That is Highly Appreciated by the Customers. The Array of Products Includes Absorption Column, Packed Bed Distillation Column, Force Draft Tray Dryer, Wetted Wall Column, Water Cooling Tower and VLE Apparatus.



Absorption and Stripping Column



Batch Type Tank Crystallizer



Fluidized Bed Dryer



Liquid Extraction in Mixer Settler Column



Sieve Tray Continuous Distillation Column



Steam Distillation Unit

Other Products

- Absorption and Stripping Column
- Agitated Batch Crystallizer
- Batch Type Tank Crystallizer
- Bubble Cap Continuous Distillation Column
- Diusion Co-Efficient for Liquid – Liquid System
- Diusion Co-Efficient for Vapour– Air System
- Fixed Bed Adsorption (Solid – Gas System)
- Fixed Bed Adsorption (Solid – Liquid System)
- Fluidized Bed Dryer
- Force Draft Tray Dryer
- Forced Draft Cooling Tower
- Induced Draft Tray Dryer
- ION Exchange Unit
- Kinetics of Dissolution of Benzoic Acid
- Liquid – Liquid Extraction & Distillation Column Combined System
- Liquid Extraction in Mixer Settler Column
- Liquid Extraction in Packed Column
- Liquid Extraction in Spray Column
- LLE Apparatus
- Mass Transfer with or without Chemical Reaction
- Natural Draft Tray Dryer
- Packed Bed Absorption Column
- Packed Bed Continuous Distillation Column
- Sieve Tray Continuous Distillation Column
- Solid - Liquid Extraction
- Steam Distillation Unit
- Vapour in Air Diffusion
- Vertical Tube Evaporator
- VLE Apparatus
- Water Cooling Tower
- Wetted Wall Gas Absorption Column

Mechanical Operation

Our domain expertise has enabled us to come up with a wide range of mechanical operation lab instrument. The raw materials used in making these instruments are very carefully picked from all the renowned vendors of the industry and are made available on time.



Blake Jaw Crusher



Cyclone Separator



Hammer Mill



Plate & Frame Filter Press



Sparkler Filter



Sieve Shaker

Other Products

- Ball Mill
- Basket Centrifugal
- Belt Conveyor
- Blake Jaw Crusher
- Bucket Conveyor
- Cyclone Separator
- Fluidization Apparatus
- Froth Floatation Unit
- Hammer Mill / Pulverizer
- High Temperature High Pressure Filter Press
- Jaw Crusher
- Leaf Filter
- Nutsche Filter
- Plate & Frame Filter Press
- Pressure Leaf Filter
- Ribbon Blender
- Rod Mill
- Roll Crusher
- Rotary Vacuum Filter
- Screw Conveyor
- Sieve Shaker
- Sigma Mixer
- Solid Handling Study Bench
- Sparkler Filter
- Test Sieves
- Top / Bottom Driven Centrifuge
- Trommel
- Vibrating Screen

Petroleum Engineering

We Hold Expertise in Offering Premium Quality Petroleum Engineering Lab Equipment and Customize Petroleum Engineering Equipment as Per Client Requirements. Available at Reasonable Market Price, The Apparatus is Commonly Used for Testing Petroleum Byproducts or Crude Oil.

TEX is the authorized Dealer / Trader & manufacturer of the following petroleum engineering instruments.



Abels Flash Point Apparatus



Bomb Calorimeter Apparatus



Cleveland Flash Point Apparatus



Rotating Viscometer



Tar Viscometer



Viscometer Bath

Other Products

- Abbe Refractometer
- Abel's Flash Point Apparatus
- Bomb Calorimeter Apparatus
- Brookfield Viscometer
- Carbon Residue Apparatus (Conradson)
- Cleveland Flash Point and Fire Point Apparatus
- Cleveland Open Cup Flash Point Tester
- Cloud and Pour Point Apparatus
- Distillation Apparatus
- Distilled Water Dispenser
- Doctor Sweetening Process Apparatus
- Englers Viscometer Apparatus
- Gas Chromatography
- HVAC System
- Melting Point Apparatus
- Oil Insulation Testing
- Ostwald Viscometer
- Penetrometer Apparatus
- Pensky Martens Flash Point Apparatus
- Polarizing Microscope
- Red Wood Viscometer
- Reid Vapor Pressure Unit
- RF Powder Supply Test Setup
- Saybolt Viscometer Apparatus
- Saybolt Viscometer FP
- Single Stage Crude Refining Process Apparatus
- Softening Point Apparatus
- Standard Penetrometer
- Stormer Viscometer
- Tar Viscometer Apparatus
- TOC Analyzer
- Total Oil Grease Analyzer
- Total Station (LEICA)
- Toxicity Analyzer
- TSS Analyzer
- Vacuum Distillation Unit
- Vicat Consistency Apparatus
- Vicat Needle Apparatus

Reaction Engineering

We Offer Batch Reactor, Catalytic Reactor, Corrosion Studies, Agitated Batch Reactor, Cascade CSTR, Plug Flow, Laminar Flow, Packed Bed Reactor, Tubular Flow and Semi Batch Reactor. Our Manufactured Reactors are Well Recognized by Our Clients for Their Reliable Quality and Customization.



Cascade CSTR



Combined Flow Reactor



CSTR



Recycle Bed Reactor



RTD Studies in Packed Bed Reactor



Reactor Control Trainer

Other Products

- Adiabatic Batch Reactor
- Batch Reactor
- Cascade CSTR
- Catalytic Reactor
- Combined CSTR & PFR
- Computerized Batch Reactor
- Computerized Combined CSTR & PFR
- Computerized Continuous Stirred Tank Reactor
- Computerized Semi Batch Reactor
- Condensation Polymerisation Set-Up
- Continuous Stirred Tank Reactor
- Corrosion Studies
- Hydrodynamics of Trickle Bed Reactor
- Isothermal Batch Reactor
- Isothermal Continuous Stirred Tank Reactor (CSTR)
- Isothermal Plug Flow Reactor Coil Type
- Isothermal Semi Batch Reactor
- Kinetics of Dissolution of Benzoic Acid
- Laminar Flow Reactor
- Liquid Phase Chemical Reactor
- Packed Bed Reactor
- Plug Flow Reactor
- Recycled Bed Reactor
- RTD Studies In Continuous Stirred Tank Reactor
- RTD Studies in Plug Flow Reactor (Coiled Tube Type)
- Semi Batch Reactor
- Tubular Flow Reactor

Work Shop Machinery

Modern Industries Run with Modern Machinery. Our Company's Goal is to Provide General & Special Purpose Machinery with Superior Quality as Per Demand as well as Customize Equipment to The Customer.

TEX is the Authorized Dealer / Trader & Manufacturer of The Following Workshop Machinery.



Arc Welding Table with Positioner



Gas Welding Table with Positioner



MIG Welding Machine



Pillar Drill Machine



Pipe Bending Machine



Vertical Milling Machine

Other Products

- Arc Welding Table With Positioner
- Bench drilling Machine
- Bench Grinder Machine
- Capstan Lathe
- Centre Lathe Machine
- Circular saw
- CNC Machines
- Coil Winding Machines
- Drilling Machines
- Electrically Hand Planner
- Gas Welding and Cutting Equipment
- Gas Welding Table With Positioner
- GMA Welding (300 Amp)
- Grinding Machines
- GTA Welding (160 Amp)
- Hydraulic Pipe Bending Machine
- Hydraulic Work Station
- Lathe Grinder Machine
- Lathe Machines
- Milling Machines
- Pneumatic Work Station
- Portable Electrical Jig Saw
- Portable Electrical Grinder
- Power Hack saw Machine 18"
- Power Hacksaw
- Power Saw Machines
- Radial Drilling Machine
- Shaper Machine
- Shaping Machines
- Shearing Machine Hand Operated
- Spot Welding
- Tool & Cutter Grinder
- Tool Cutter Machines
- Tool Room Lathe machine
- Transformer Type Welding sets (300 Amp, 400Amp)
- Universal Milling Machine
- Vertical Drilling Machine
- Vertical Milling Machine
- Welding Machines
- Welding Simulator
- AND MANY MORE...



Cascade Control Trainer



Forced Draft Cooling Tower



Gear Pump Test Rig



Hydraulic Trainer Kit with PLC



MPFI Petrol Engine With Swivelling Stand
For Dismantling And Assembling



Motor Generator Set



Op Amp Circuit Trainer



Packed Bed Continuous
Distillation Column



Rotary Shaking Machine



Refrigeration Trainer



Single Effect Evaporator



Temperature Control Trainer

Some of Our Valuable Clients



Indian Institute of Technology, Delhi



Nirma University, Ahmedabad,
Gujarat



Al Ghurair University, Dubai,
United Arab Emirates



Directorate of Employment &
Training, Ahmedabad, Gujarat



Institute of Infrastructure Technology
Research and Management,
Ahmedabad, Gujarat



Annamalai University,
Chidambaram, Tamil Nadu



Atmiya Institute of Technology
& Science, Rajkot, Gujarat



Commissionerate of Technical
Education, Gandhinagar, Gujarat



Indian Maritime University, Kochi,
Kerala



Birla Institute of Technology and
Science, Pilani, Rajasthan



Bundelkhand University,
Jhansi, Uttar Pradesh



Technical Education, Jodhpur, Rajasthan



Malaviya National Institute of
Technology, Jaipur, Rajasthan



Charotar University of Science and
Technology, Anand, Gujarat



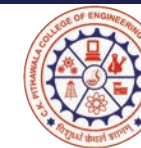
Alagappa College of Chemical
Technology, Chennai, Tamil Nadu



Directorate of Technical Education,
Cuttack, Odisha



Rajiv Gandhi Proudhyogiki
Vishwavidyalaya, Bhopal, Madhya Pradesh



C K Pithawala College of Engineering
& Technology, Surat, Gujarat



Dharmsinh Desai Institute
of Technology, Nadiad, Gujarat



Directorate of Employment &
Training, Chennai, Tamil Nadu



Rashtriya Chemicals & Fertilizers,
Mumbai, Maharashtra



Pandit Deendayal Petroleum University,
Gandhinagar, Gujarat



Sardar Vallabhbhai National
Institute of Technology, Surat



Directorate of Technical Education,
Madhya Pradesh



Mansinhbhai Institute of Dairy &
Food Technology, Mehsana, Gujarat



G H Patel College of Engineering &
Technology, Anand, Gujarat



GSFC University School of
Technology, Vadodara, Gujarat



Directorate of Technical Education
Government of Jammu & Kashmir



National Skill Training Institute,
Mumbai



Ahmedabad Institute of
Technology, Ahmedabad, Gujarat



LDRP Institute of Technology
and Research, Gandhinagar, Gujarat

AND MANY MORE...