



# Alfa Engineering Solutions

**Lab Equipment Division**

[www.alfaenggsolutions.com](http://www.alfaenggsolutions.com)

# Alfa - Labtech

## LAB EQUIPMENT DIVISION

- Civil Engineering
- Soil & Cement Testing
- Mechanical, Structural
- Applied Mechanics
- Analytical Instruments
- Aggregate Testing Equipments
- Bitumen Testing Equipments
- Oil & Petroleum Testing Equipments
- Paint Lab Equipments
- Water & Air Testing Equipments

## Industries we serve



**OIL & GAS**



**PETROCHEMICALS**



**POWER**



**EPC CONSTRUCTION**



**FOOD & BEVERAGES**



**FERTILIZERS**



**CHEMICALS**



**PHARMA**



**BIOTECH**



**WATER & WASTE WATER**

# About us



## **Welcome to ALFA ENGINEERING SOLUTIONS!!!**

We would like to introduce our company as ALFA ENGINEERING SOLUTIONS supplying Industrial Electromechanical, Instrumentation and Laboratory products worldwide having base in Navi Mumbai, Maharashtra, India. Our Company's long-standing relations with leading International and domestic clients has earned the reputation as a trustworthy organization that is dedicated to supply the Quality products and Engineering solutions to the worldwide market with top-of-the-line materials and services of the highest standards with the latest advance technologies.

We have rich experienced engineering professionals in all streams like Electrical, Mechanical, Instrumentation, Chemical, Petrochemical etc who can take care and understand your technical requirements and can provide the best products and solutions in minimum time.

We are specialized in the field of supplying Electrical, Mechanical and Instrumentation, Plant Utilities & Spares, Project procurement materials and doing projects in Water, Waste Water, Online effluent / Air monitoring Systems, Food composting machines, Turnkey Engineering & Fabrication projects etc. We export the products to the worldwide customers like Saudi Arabia, Bahrain, Qatar, UAE, OMAN, Kuwait, UK, USA, Asian & African Countries.

# Alfa – Labtech

## About Us

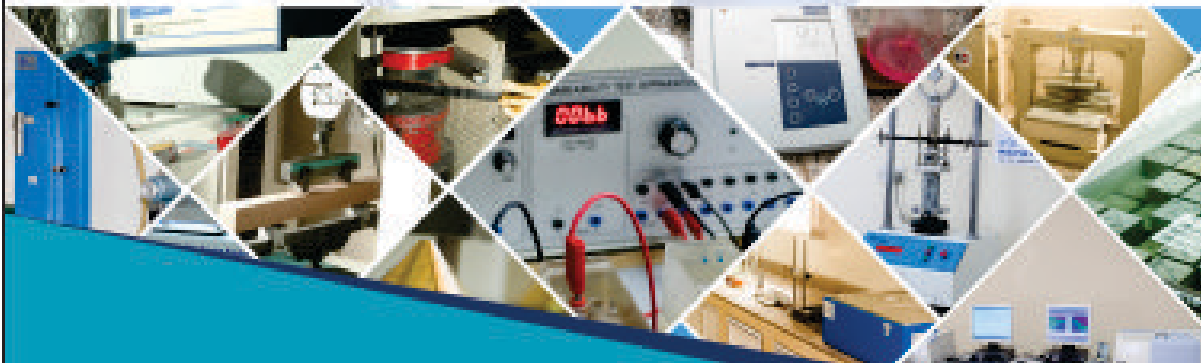
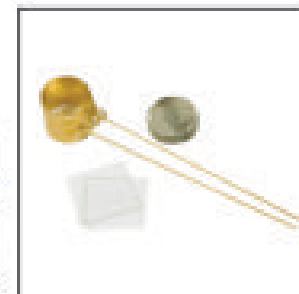
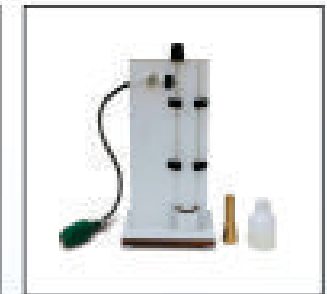
ALFA LABTECH is an establish company offering class Industrial Lab Equipment range is inclusive of Civil Engineering Equipment, Pharmacy Equipment and **Civil Engineering lab Equipment, Educational, Mechanical Engineering Equipment, Structural & Applied Mechanics, Educational, Structural & Applied Mechanics Lab, Mining & Metallurgy Equipment.**

By employing modern machines and best quality raw materials, our skilled professionals manufacture the offered products in compliance with the international accepted standards of quality. These products can be customized as per the detailed requirements by our clients. Offered at reasonable prices, these products are highly demanded among our customers. Due to their sturdy design, low maintenance, high performance and long serving life, the offered product is highly appreciated in the market.

We are backed by a sophisticated infrastructure, which is installed with modern machinery that is useful for making the equipment as per client's requirements. To assure that our products meet industry quality norms & standards, we also have an in-house quality checking unit, which is equipped with modern tools and machines. This is handled by a team of quality controllers, which stringently test all the manufactured products on various parameters to ensure fault ness. Due to the stringent testing of all these equipment, these are demanded by the clients due to their longer functional life, accurate results, dimensional accuracy, compact design and easy handling.

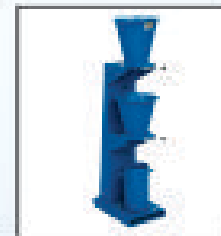
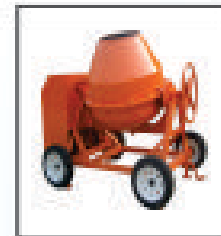
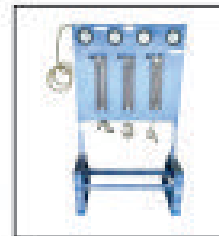
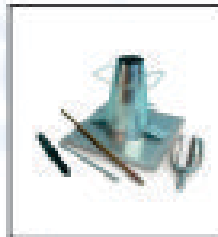
# Civil, Concrete Testing, Survey Engineering Equipments

- Strength of Material Testing Equipment
- Bitumen - Asphalt / Oil & Petroleum Testing Equipment
- Cement / Concrete Testing Equipment
- Soil Testing Equipment / Survey Equipment
- Cement Autoclave
- Blain Air Permeability Apparatus
- Length Comparator
- Vicat Needle Apparatus
- Le Chatelier Mould



# Civil, Concrete Testing, Survey Engineering Equipments

- Shrinkage Bar Moulds
- Cement Testing Sieves
- Compression Testing Machine
- Gauging Trowel
- Humidity Testing Chamber
- Muffle Furnace
- Vibrating Machine
- Accelerated Curing Tank
- Vee Bee Consistometer
- Concrete Flow Table
- Concrete Mixer
- Compaction Factor Apparatus
- Concrete Permeability Apparatus
- Slump Test Apparatus/Concrete Beam Moulds
- Concrete Cube Moulds/Concrete Cylindrical Moulds
- Cube Testing Machine/Needle Vibrator
- Tile Abrasion Testing Machine
- Tile Flexure Testing Machine
- Vibrating Table/Vibratory Hammer





# Aggregate Test Machine, Equipments

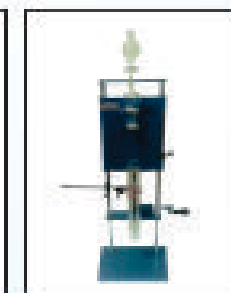
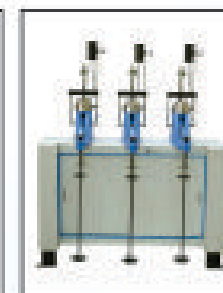
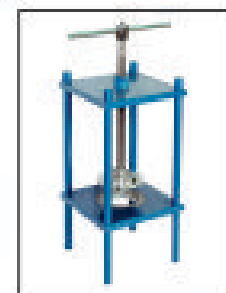
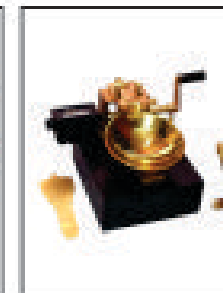
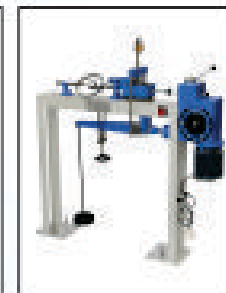
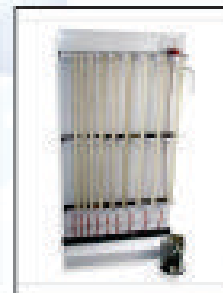
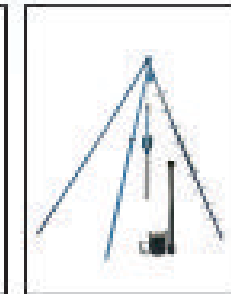
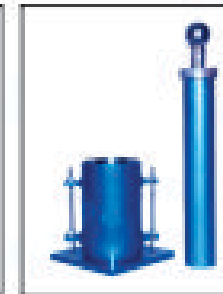
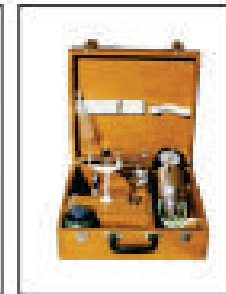
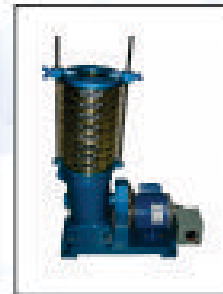
- Aggregate Impact Testing Apparatus
- Aggregate Crushing Value Apparatus
- Deval Abrasion Testing Machine
- Dorry Abrasion Testing Machine
- Los Angeles Abrasion Testing Machine
- Air Entrainment Meter
- Aggregate Jaw Crusher
- Sieve Shaker Buoyancy Balance
- Density Basket, Aggregate Length Gauge
- Aggregate Thickness Gauge





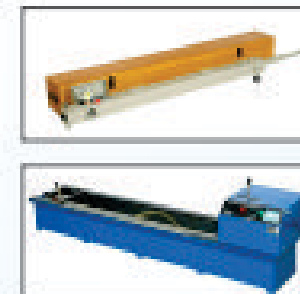
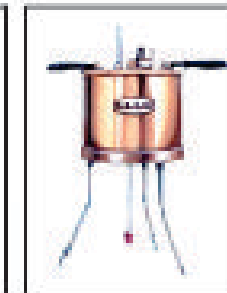
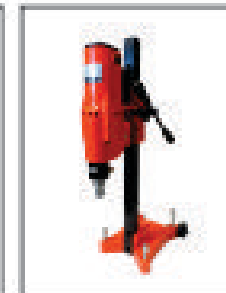
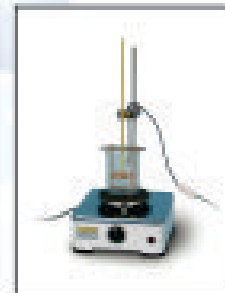
# Soil Testing Instruments

- Automatic Universal Compactor
- Hydraulic Extractor Frame
- Universal Extractor Frame
- Gyrotory Sieve Shaker Proctor Penetrometer
- Rapid Moisture Meter Cone Penetrometer
- Soil Pycnometer, Soil Sampling Auger
- High Speed Soil Stirrer
- California Bearing Ratio Test Apparatus
- Consolidation Test Apparatus
- Core Cutter Apparatus Direct Shear Apparatus
- Grain Size Analysis Apparatus
- Liquid Limit Apparatus
- Standard Penetration Test Apparatus
- Plastic Limit Apparatus / Proctor Compaction Apparatus
- Soil Shrinkage Limit Apparatus / Triaxial Shear Apparatus
- Universal Permeability Apparatus



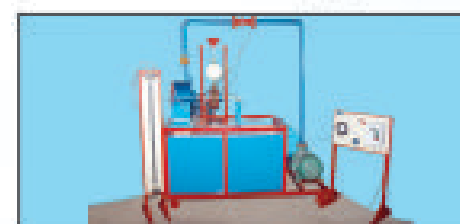
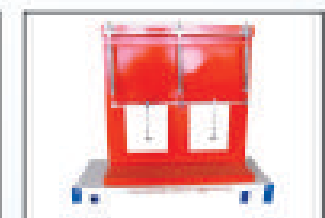
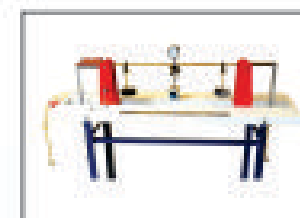
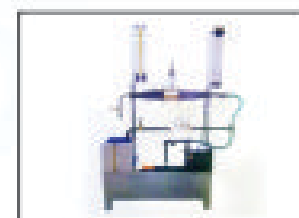
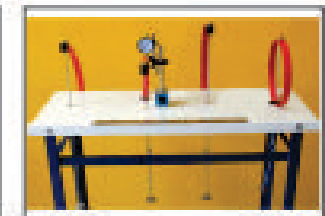
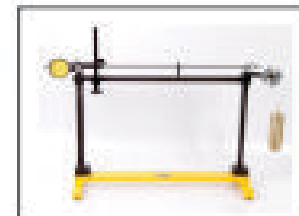
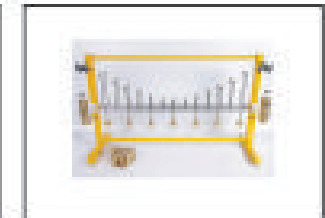
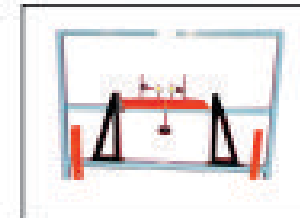
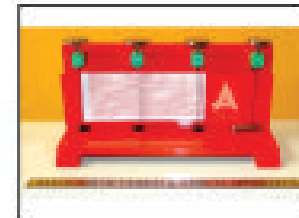
# Bitumen Testing Instruments & Equipments

- Bitumen Compactor
- Bitumen Penetrometer
- Benkelman Beam Apparatus
- Marshal Stability Apparatus
- Pensky Marten Flash Point Apparatus
- Softening Point Apparatus
- Viscometer Apparatus
- Centrifuge Extractor
- Core Drilling Machine
- Ductility Testing Machine
- Film Stripping Machine
- Kinematic Viscosity Bath
- Thin Film Oven



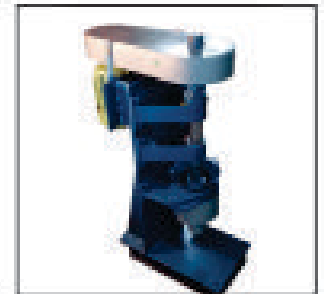
# Mechanical, Structural, Applied Mechanics Engineering Equipment

- Fluid Mechanics Lab. Equipment
- Hydraulic Machines Lab. Equipment
- Hydraulic Bench with Accessories
- Apparatus for Verification Of Clarke's Maxwell Reciprocal Theorem
- Behaviour Of Column and Struts Apparatus
- Curved Member Apparatus
- Deflection of Beam Apparatus
- Elastically Coupled Beam Apparatus
- Elastic Properties of Deflected Beam Apparatus
- Shear Centre Apparatus
- Suspension Bridge Apparatus
- Portal Frame Apparatus



# Mining And Metallurgy Equipment

- Crushing & Grinding
- Screening & Classification
- Ore Beneficiation/ Upgradation
- Metal Recovery Scrap & Ore Pelletiser



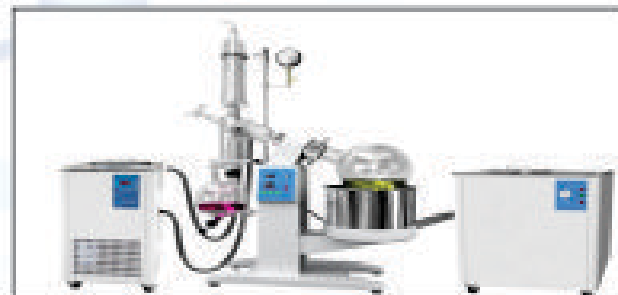
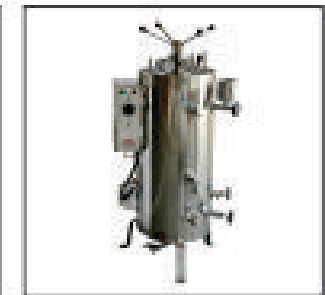
# Paint Testing Equipment

- Coating Thickness Gauge-digital - Combined.
- Coating Thickness Gauge-pull-off Type.
- Coating Thickness Gauge. Digital - For Ferrous Base.
- Coating Thickness Gauge. Digital - For Non Ferrous Base.
- Coating Thickness Gauge-dial Type.



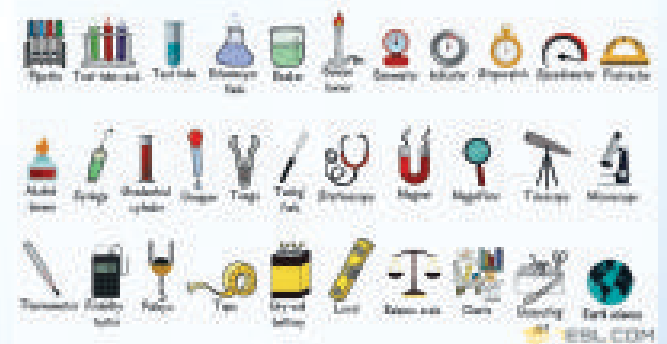
# Environmental Lab Instruments

- BOD Incubator
- COD Digestion Apparatus
- Flocculator
- Hot Air Oven
- Humidity Chamber
- Laminar Air Flow
- Rotary Flask Shaker
- Laboratory Autoclaves
- Rotary Vacuum Evaporator



# General & Educational Lab Equipment

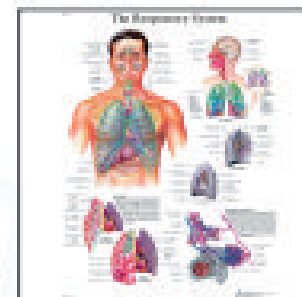
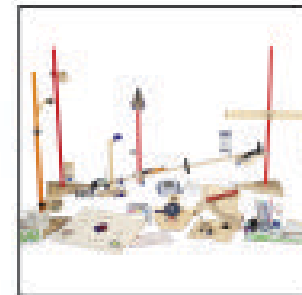
- Autoclave
- Balances
- Centrifuges
- Furnaces
- Heating Mantles
- Hot Plates
- Environmental Test Chamber
- Incubators
- Ovens, Stirrer
- Water Bath
- Water Still
- Lab Equipment





# General & Educational Lab Equipment

- Physics Equipment
- Chemistry Equipment
- Biology Equipment
- Models and Charts
- Laboratory Glassware & Plasticware
- Microscope
- Educational Charts



# Our Valuable Clients



## Why us ?

- Lowcost
- On TimeDelivery
- ReputedBrands
- Products Exstock
- QualityServices
- ExcellentLogistics



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