

India's Best Civil Engineering Lab Equipment Exporter



[Email: sales@aticolabexport.com](mailto:sales@aticolabexport.com)

The availability of **high-quality civil engineering laboratory equipment** is increasing in demand worldwide, and India has become the major supplier in this segment. **Atico Lab Export** has played a prominent role in meeting the requirements for sophisticated infrastructure equipment explicitly designed for differentiation in the profile of civil engineering professions.

Well-known Atico Lab Export has established itself as a leading [Civil Engineering Lab Equipment manufacturer](#) and supplier of the broadest range of civil engineering lab equipment. Atico Lab Export thus made its stature renowned in quality, accuracy, and innovation by providing a wide range of testing instruments for soil mechanics, concrete, asphalt, structural engineering, and more.

This test equipment is aligned with the international standards required for application in construction, related infrastructure development on project sites, and academic research in laboratories.

Combining manufacturing prowess with a customer-oriented approach, Atico Lab Export fortifies itself as a reliable partner of civil engineering laboratories around the globe. It's hard to find a better solution for institutions, contractors, or researchers than this ability to provide product customization with stringent, quality-controlled production. They have emerged as the global Civil Engineering Lab Equipment exporter primarily for the broad range of civil engineering equipment exported by them.

Comprehensive List of Civil Engineering Lab Equipment Categorized by Test Types

Worldwide **civil engineering laboratories** require **specialized equipment** for performing several test activities relevant to designing, constructing, and maintaining different infrastructure projects. These tests in the current landscape of civil engineering help ascertain the safety, durability, and quality of materials used in construction and effectiveness in civil engineering practices.

The following is a comprehensive list of **civil engineering laboratory equipment** based on its types of tests, from soil and concrete testing to structural, environmental measurements, and non-destructive tests.

Individually listed categories by [civil engineering lab equipment suppliers](#) provide the necessary tools for precise measurement and analysis for the success and integrity of engineering projects.

Soil Testing Equipment

- Proctor Compaction Test Apparatus
- Atterberg Limits Apparatus
- Hydrometer
- Triaxial Shear Test Apparatus
- Cement Content Test Kit
- CBR Test Apparatus
- Unconfined Compression Test Apparatus
- Soil Permeability Apparatus

Concrete Testing Equipment

- Compressive Strength Testing Machine
- Slump Test Apparatus
- Vicat Apparatus
- Flexural Strength Testing Machine
- Concrete Mixer
- Cube Moulds
- Rebound Hammer

- Ultrasonic Pulse Velocity Tester

Asphalt Testing Equipment

- Marshall Stability Test Apparatus
- Asphalt Content Test Kit
- Vacuum Saturator
- Bitumen Extraction Apparatus
- Asphalt Mixer

Material Testing Equipment

- Tensile Testing Machine
- Hardness Testing Machine
- Impact Testing Machine
- Charpy Test Machine
- Fatigue Testing Machine

Structural Testing Equipment

- Load Frame Testing Machine
- Beam Testing Apparatus
- Column Buckling Test Apparatus
- Structural Health Monitoring System
- Vibration Testing Machine

Surveying and Measurement Equipment

- Theodolite
- Total Station
- Levelling Instrument
- GPS Surveying Equipment
- Tape Measure and Ranging Rods

Environmental Testing Equipment

- Soil Resistivity Meter
- Water Permeability Test Apparatus
- Soil Gas Collection Kit
- Water Quality Testing Kit
- Air Quality Monitoring System

Aggregate Testing Equipment

- Sieve Shaker
- Aggregate Impact Value Apparatus
- Abrasion Testing Machine
- Flakiness and Elongation Index Apparatus
- Specific Gravity and Water Absorption Test Apparatus

Mix Design Testing Equipment

- Concrete Mixer
- Mortar Mixer
- Cement Testing Apparatus
- Mixing Paddle
- Specific Gravity Bottle

Geotechnical Testing Equipment

- Triaxial Compression Tester
- Consolidation Testing Apparatus
- Permeability Test Kit
- Shear Vane Test Apparatus
- Groundwater Monitoring System

Concrete Durability Testing Equipment

- Chloride Permeability Test Apparatus
- Sulphate Resistance Test Apparatus
- Accelerated Carbonation Test Apparatus
- Freeze-Thaw Durability Tester
- Water Absorption Test Apparatus

Rock Mechanics Testing Equipment

- Point Load Test Apparatus
- Uniaxial Compression Testing Machine
- Diametral Point Load Test Apparatus
- Core Cutter Apparatus
- Direct Shear Test Apparatus

Cement Testing Equipment

- Le Chatelier Apparatus
- Cement Setting Time Apparatus
- Cement Autoclave
- Blaine Air Permeability Apparatus
- Standard Consistency Test Apparatus

Non-Destructive Testing (NDT) Equipment

- Ultrasonic Pulse Velocity Tester
- Concrete Scanning Radar
- Rebound Hammer
- Magnetic Particle Testing Equipment
- Thermographic Camera

Traffic Engineering Testing Equipment

- Weigh-in-Motion System
- Pavement Condition Survey Kit
- Traffic Flow Measurement System
- Speed Measuring Devices
- Vehicle Counter Equipment

Hydraulic Testing Equipment

- Hydraulic Conductivity Test Apparatus
- Pneumatic Permeability Tester
- Pump Test Equipment
- Flow Measurement Equipment
- Open Channel Flow Test Apparatus

Water and Wastewater Testing Equipment

- Turbidity Meter
- pH Meter

- COD BOD Testing Equipment
- Colorimeter
- Water Hardness Tester

Geotechnical Investigation Equipment

- Cone Penetration Test (CPT) Apparatus
- Borehole Equipment
- Geotechnical Sampling Tools
- In-situ Shear Test Apparatus
- Field Vane Shear Tester

Building Materials Testing Equipment

- Brick Strength Test Apparatus
- Tile Strength Test Apparatus
- Timber Strength Testing Machine
- Glass Strength Testing Equipment
- Insulation Testing Apparatus

Soil Stabilization Testing Equipment

- Soil Stabilization Mixer
- Cement Stabilization Test Apparatus
- Lime Treatment Test Kit
- Polymer Additive Test Equipment
- Soil Compaction Test Apparatus

This comprehensive list covers various equipment categories used in **civil engineering labs** for conducting tests, from soil and concrete testing to environmental and non-destructive testing. Civil engineering projects are bound to gain tremendously with this exhaustive equipment range exported by **Atico Lab Exports** export division, [Civil Engineering Lab Equipment exporter](#). Atico Lab Exports provides civil engineers with the edge of technological advancement in testing and analysis. These high-tech equipment solutions would evaluate construction materials' strength, durability, and safety while leaving much in the way of data-driven decision-making for professionals.

By supplying recognized, certified, and validated equipment, Atico Lab Exports supports infrastructure development, research, and innovation, enabling civil engineers to achieve industry standards and exceed project expectations.