

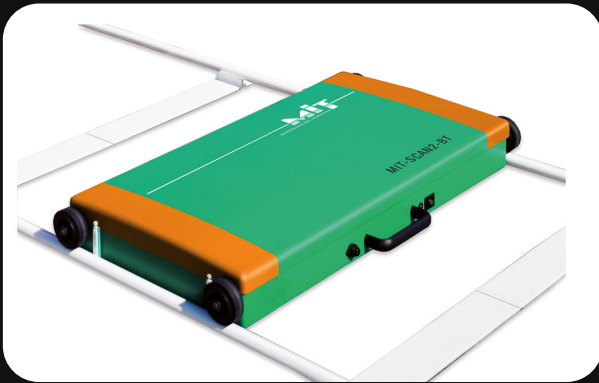


JS CIVIL

LAB SOLUTIONS PVT LTD

Smart Testing Starts Here

NDT EQUIPMENT CATALOGUE





JS CIVIL

LAB SOLUTIONS PVT LTD

scan me!



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Tested by Time, Trusted by Industry: Your Partner in Precision Equipment Supply

At JS Civil Lab Solutions, we recognize that **precision is essential**. With over a decade of dedicated service, we provide India's civil engineering and construction sectors with **high-performance testing equipment** and **reliable expert services**. Our commitment to accuracy and reliability supports a wide range of critical testing applications. We understand that operational integrity depends on material quality.

Specializing in **Non-Destructive Testing and Civil Lab Testing equipment**, we serve industries including **paper, pharmaceuticals, highways, railways, airports, and infrastructure**. Our products meet stringent **Indian and global standards (IS, EN, ASTM)**, ensuring compliance and dependable results.

Partner with JS Civil Lab Solutions for trusted equipment that drives the success and durability of your most vital projects.

Built on **Trust.**
Driven by
Quality.

JS Civil Lab: Precision, Trust, and Uncompromising Quality

At **JS Civil Lab**, **quality is our foundation**. We provide more than just tools; our products are trusted companions for critical projects across **Paper, Pharma, Highways, Railways, Airports, and other civil industries**.

Our entire process, from material selection to dispatch, is **Total Quality Management (TQM)** driven. Our in-house team, with **state-of-the-art testing facilities**, ensures every product delivers **precision, consistency, and durability**.

We understand that in your field, **even the smallest measurement makes the biggest difference**. Our Non-Destructive Testing (NDT) and Civil Lab Testing solutions.

What Sets Us Apart

Experience that Delivers

With **10+** years in the field, we understand not just equipment, but your real-world challenges.



Solutions that Fit

Every product is backed by application insight, with options for customization to suit your project needs.



Service that Supports

We don't just deliver equipment—we offer guidance, training, and after-sales support you can count on.



Standards You Can Trust

All our products conform to national and international specifications.



Fair Pricing

We believe quality shouldn't come at a premium. Our pricing reflects value, not just cost.



Our Promise

We stand by every product we deliver—on time, on spec, and on your terms. We are continuously upgrading our offerings and integrating the latest technologies to ensure that you always stay ahead of the curve.



Our Vision

To be a trusted partner in India's infrastructure growth by providing reliable, innovative, and standards-compliant testing solutions that empower civil engineers, project managers, and institutions alike.

Our Mission

To simplify civil engineering testing through intelligent design, dependable performance, and exceptional service—ensuring that every project we touch is safer, stronger, and smarter.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

GERMANY

Dowel Bar SCAN2-BT (Rail System)

A state-of-the-art, non-invasive measurement system for precise spatial determination of dowel and tie bar positions within concrete pavements. Incorporates rail guidance, wireless data acquisition, and MagnoProof software to ensure ASTM-compliant analytical accuracy.



Dowel Bar SCAN (Walking Type)

Dowel Bar SCAN (Walking Type)
Rail-independent, laser-guided apparatus for real-time dowel positioning diagnostics in concrete pavements. Facilitates high-resolution visualizations with advanced color mapping for detection of lateral shift, misalignment, and depth translation anomalies.



WEBERconnect

Portable Lightweight Deflectometer engineered for expeditious, reproducible assessment of subgrade compaction and bearing capacity in field environments.



A1410 Pulsar UPV

Couplant-free Ultrasonic Pulse Velocity apparatus leveraging advanced Dry-Point-Contact transducer arrays for precise evaluation of concrete homogeneity and concrete quality.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

GERMANY

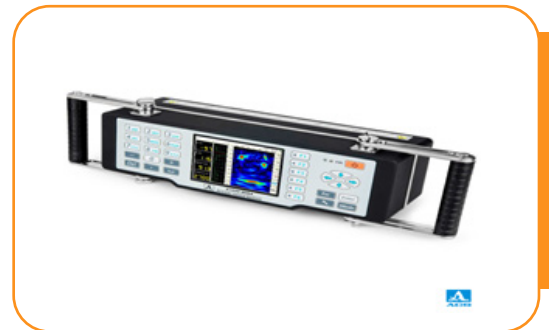
UK 1401 Surfer UPV

Mobile Ultrasonic Pulse Velocity platform for rapid, non-destructive evaluation of concrete homogeneity and concrete quality.



1040 MIRA Ultrasonic Tomography

High-resolution ultrasonic tomography system providing three-dimensional, non-destructive imaging of internal concrete structure, internal flows and defect characterization.



A 1211 MINI Ultrasonic Flaw Detector

Compact, high-sensitivity instrument for ultrasonic detection of internal discontinuities in concrete, metal, and composite materials.



FWD PRIMAX Van Integrated

Fully integrated Falling Weight Deflectometer housed within a mobile laboratory platform, designed for comprehensive, fast and efficient structural evaluation of pavement networks.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

DENMARK

RetroSign GRX

Industry-benchmark retroreflectometer for precise photometric assessment of retroreflection in road signage, vehicle license plates, conspicuity materials, and high-visibility apparel.



LTL-3000 Retroreflectometer

Portable retroreflectometer for quantitative evaluation of retroreflection in road marking materials.



LTL-3500 Retroreflectometer

Next-generation retroreflectometer for high-speed, multi-condition measurement of road markings, featuring GNSS integration and GIS-based visualization period.



Road Markings Thickness Gauge

Precision metrology tool for assessing applied thickness of road marking layers, ensuring compliance with international standards.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

DENMARK

LWD PRIMA-100

Lightweight Deflectometer for non-destructive, real-time evaluation of compaction quality and sub-grade bearing capacity.



FWD PRIMAX Trailer

Trailer-mounted Falling Weight Deflectometer system optimized for large-scale structural performance evaluation of pavement assets.



AUSTRALIA

Walking P

Advanced walking profiler enabling continuous, high-resolution measurement of road surface roughness for construction quality control and maintenance evaluation.



Roughometer-4

Ergonomically designed portable device for walking-speed acquisition of road roughness parameters, supporting detailed pavement condition assessments.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

USA

Non-Nuclear Asphalt Density Gauge PQI-380

Rapid, non-radioactive system for in-situ density measurement of asphalt pavements, facilitating quality assurance during construction.



Non-Nuclear Soil Density Gauge SDG

Efficient, non-invasive solution for soil density and moisture characterization without the use of any radioactive materials.



Elcometer 500 NEW Coating Thickness Gauge

Non-destructive gauge for fast, accurate coating thickness measurements up to 9mm on concrete and similar substrates. Features IP54-rated durability, Bluetooth®/USB connectivity, and compatibility with ElcoMaster®. Conforms to ISO 2808 and IS standards.



Pile Integrity Tester

Portable, non-destructive low-strain integrity tester for pre-cast, cast-in-place, or timber piles. Detects cracks, voids, necking, and verifies pile length using a light hammer impact and accelerometer-read pulse-echo signal. Ideal for testing every site pile with fast FFT analysis and on-screen results.

Meets **ISO 22477-4, ASTM D5882, and IS 14893** standards for dynamic low-strain pile integrity testing



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

JAPAN

Automated Road Survey System

Fully integrated mobile platform for large-scale, automated acquisition of road surface condition data.



Pipe and Cable Locator

Precision subsurface detection device for locating buried utilities, including pipelines and electrical conduits.



Leak Noise Correlator

High-sensitivity acoustic correlation system for detection and localization of subsurface water leaks.



Water Leak Detector

Portable detection apparatus for rapid, accurate identification of underground water leaks.



Pull-Off Adhesion Testers

Pull-off adhesion tester for coatings on metal, concrete, wood, and more. Available in manual or automatic models with $\pm 1\%$ accuracy, self-aligning dollies, and IP65-rated enclosure. Conforms to ISO 4624 ASTM D7234. ASTM D 4541 & IS 17545 standards.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

JAPAN

UFP-20

Advanced, high-resolution water leak detection system offering exceptional sensitivity, even in acoustically challenging environments.



Bitumen Content Tester

Laboratory-grade device for precise quantification of bitumen content in asphaltic materials.



Megalux ML-5 Coating Thickness Meter

Precision instrument for measurement of coating thickness on metallic substrates, ensuring protective layer compliance.



Coating Thickness Meter

Versatile, high-accuracy device for non-destructive coating thickness measurement across diverse material types.



Ultrasonic Thickness Gauge

Portable ultrasonic device for high-precision measurement of structural material thickness.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

FINLAND

Road Master, Roughness Meter (AL-Engg. Oy)

High-precision roughness meter for quantitative assessment of pavement smoothness and ride quality, engineered by AL-Engg. Oy.



Automated Road Survey System

Advanced, multi-parameter testing system for structural evaluation of road construction and maintenance quality.



SWEDEN

CFME T2GO

Compact, transportable Continuous Friction Measurement Equipment for accurate assessment of surface friction on roads and runways.



CFME T-5 Trailer

Trailer-mounted, high throughput Continuous Friction Measurement system for comprehensive road and runway friction analysis.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

Switzerland

Schmidt Rebound Hammers Silver Schmidt OS8200

Concrete strength and uniformity testing using rebound hammer technology
Instant report generation on the go
Best-in-class strength correlation.



Pundit Ultrasonic PD8050

2x faster concrete quality inspection.
Consolidated power in a single device for structural imaging, object and defect detection with ultrasound pulse echo.



Proceq Ground Penetrating Radars GP8000 Lite

The GP8000 Lite concrete scanner is the easy-to-use solution for fast detection of rebar, live wires, and other objects.



Profometer Rebar Diameter & Cover Meter PM8000 Lite

A compact, Swiss-made instrument for fast and accurate detection of rebar location, cover depth and diameter in concrete using eddy-current technology. Ideal for construction quality checks and finding safe drill spots.



Zehntner ZDR

Vehicle-mounted retroreflectometer for safe and efficient continuous measurements
Vehicle-mounted 300 measurements per second accurately.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

Switzerland

Zehntner ZRM

Zehntner Retroreflectometers are world-renowned for ensuring optimal road driving conditions by enabling accurately measuring the visibility of road markings and road studs.



Zehntner ZRS

Visibility measurement of traffic and road signs and reflective materials
Easy to operate with polyglot menu navigation
Sturdy construction and ergonomic design
Precise geolocation and high-resolution images.



Resipod

A comprehensive solution for measuring the electrical resistivity of concrete
Efficient all-in-one solution
Reliable, accurate, and standardized
Rugged waterproof construction.



Italy

Half-cell potential (COR MAP)

A portable and economical half-cell system used to identify probable corrosion areas in reinforced concrete. It measures potential differences between embedded steel and a copper/copper sulphate reference electrode to assess corrosion risk.



SPECIALIZED NDT EQUIPMENT BY COUNTRY OF ORIGIN

China

Pull out Tester

A Pull-Out Tester is used for non-destructive strength testing of concrete by measuring the force needed to pull a metal insert or bolt from the concrete surface. It provides a reliable estimate of in-place compressive strength without damaging the structure.



Our Esteemed Clients

