



# Hitech India Equipments Pvt. Ltd.

## Corporate Office

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Mobile : 99401 07931 / 32/33/35

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Mobile : 94430 48025 / 99401 07940

## Branches

### Bangalore Office :

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BEML Main Road, New Thippasandra  
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Mobile : 78999 34075 / 76 / 77

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*P.N. Gopal*

**Managing Director**



**99401 07931**



NABL ACCREDITATION  
CERT. NO : C-0264

## ACCREDITATION BY NABL

We have been accredited by **NABL (National Accreditation Board for Testing and Calibration Laboratories)** Dept of Science and Technology, Government of India – **ISO / IEC 17025 : 2005 for site calibration.**

**Hitech** - a name in material testings...



## *About Ourselves*

**Hitech India Equipments Pvt. Ltd.** is a leading organization in the area of **Material Testing Equipments** for the past **26 years**. We have an active involvement in **Marketing, Service and Calibration** of all kinds of **Material Testing Equipments, Metrology Equipments, Metallurgy Equipments, Video Profile Projectors, Profile Projectors, Image Analyzers, Metallurgical Microscope, Muffle Furnace and Hot Air Oven Etc.,**

## *Our Service Wing*

We have a strong team of service engineers who have wide experience in **Commissioning, Servicing** of all kinds of **Material Testing Equipments**. All our engineers undergo vigorous training at the factory every year with regard to up gradation of machines.

We undertake calibration of machines supplied by us as well as other makes. Most of the calibrations are witnessed by third party witnessing agencies such as **TUV, IBR, LLOYDS, IRS, BVQI, GERMANESH LLOYDS & RITES.**

We have been accredited by **National Accreditation Board for testing and calibration Laboratories (NABL)** for site calibration.

## *Our Prestigious Customers*

- ☛ **Engineering Industries**
- ☛ **Research Institutes**
- ☛ **Railways**
- ☛ **Aerospace**
- ☛ **Govt. Organizations**
- ☛ **Defence Organizations**
- ☛ **Engineering Colleges / Polytechnics / ITI**



## Material Testing Equipments

- ☛ Universal Testing Machine  
(Analogue, Computerised, Analogue cum Computerised)
- ☛ Servo Computerised Universal Testing Machine
- ☛ Computer Controlled Universal Testing Machine
- ☛ Electronic Extensometer
- ☛ Mechanical Extensometer
- ☛ Double Shear Attachment
- ☛ Bend & Re-Bend Test Attachment
- ☛ UTM Conversion (Analogue to Computerised)
- ☛ Compression Testing Machine (Analogue, Digital, Computerised)
- ☛ Bend & Re-Bend Testing Machine
- ☛ Tensile Testing Machine (Analogue, Digital, Computerised)
- ☛ Coil Spring Testing Machine
- ☛ Leaf Spring Testing Machine
- ☛ Impact Testing Machine (Analogue / Digital)
- ☛ ASTM Impact Testing Machine
- ☛ Drop Weight Impact Testing Machine
- ☛ Plastic Impact Testing Machine
- ☛ Charpy & Izod Notch Broaching Machine (Manual / Motorised)
- ☛ Rockwell Hardness Tester
- ☛ Rockwell cum Brinell Hardness Tester
- ☛ Rockwell cum Rockwell Superficial Hardness Tester
- ☛ Portable Rockwell Hardness Tester
- ☛ Digital Rockwell Hardness Tester
- ☛ Brinell Hardness Tester (Hydraulic & Hand Operated)
- ☛ Optical Brinell Hardness Tester



**Universal Testing Machine**



**Tensile Testing Machine**



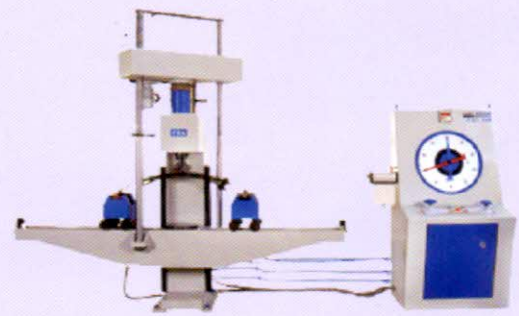
**Rockwell Hardness Tester**



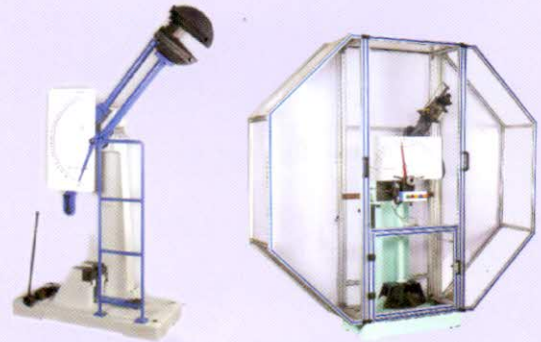
**Digital Brinell Hardness Tester**



- Automatic Optical Brinell Hardness Tester
- Digital Brinell Hardness Tester
- Computerised Brinell Hardness Tester
- Deep Throat Brinell Hardness Tester
- Brinell Impression Measuring System (BIMS)
- Vickers Hardness Tester
- Vickers cum Brinell Hardness Tester
- Computerised Vickers Hardness Tester
- Micro Vickers Hardness Tester
- Portable Dynamic Hardness Tester
- Torsion Testing Machine (Analogue / Digital)
- Digital Fatigue Testing Machine
- Jominy Fixture & End Quench Apparatus
- Erichsen Cupping Testing Machine
- Horizontal Dynamic Balancing Machine
- Vertical Dynamic Balancing Machine
- Stroboscopic Dynamic Balancing Machine
- Belt Driven Dynamic Balancing Machine
- Horizontal Chain & Rope Testing Machine
- Deflection Test Apparatus
- Tool Presetters
- Tensometer (Digital / Computerised)
- Torque Wrench Tester (Mechanical / Electronic)
- Dial Calibration Tester (Mechanical / Electronic)
- Rubber Hardness Tester Calibrator
- Roundness & Cylindricity Tester
- Scale & Tape Calibration Unit
- Specific Gravity Balance (Mechanical / Electronic)



**Leaf Spring Testing Machine**



**ASTM Impact Testing Machine**



**Dynamic Hardness Tester**



**Chain & Rope Testing Machine**



**Horizontal Dynamic Balancing Machine**



- ☛ Precision Bore Comparator
- ☛ Piston Ring Tester (Mechanical / Electronic)
- ☛ Pneumatic Pull Tester
- ☛ Gear Rolling Tester (Mechanical / Computerised)
- ☛ Force / Torque Gauge
- ☛ Pneumatic Gear Roll Tester
- ☛ Special Machines as per your request Etc.,



**Digital Fatigue Testing Machine**

## *Upgradation / Conversion of Machines*

Our Engineers have vast experience in Upgrading analogue Universal Testing Machine to computerised version. We can also upgrade machines to servo control system. We have done upgradation to many Industries & Engineering Colleges Etc.,



**Computerised Tensometer**

## *Microscopes & Profile Projectors*

- Inverted Metallurgical Microscope
- Upright Metallurgical Microscope
- Binocular Metallurgical Microscope
- Advanced Research Microscope
- Tool Makers Microscope
- Stereo Zoom Microscope
- Digital Microscope Etc.,

All kinds of Profile Projectors with / without **DRO** System suitable for Engineering Industries, Educational Institutions and Research Institutions.

- Video Profile Projectors
- Video Measuring System
- Vertical Profile Projectors
- Horizontal Profile Projectors Etc.,



**Profile Projector**



**Video Profile Projector**



# *Image Analysis System for Metallography and Material Sciences*

## **Material Analysis Software is Configured for following application specific modules**

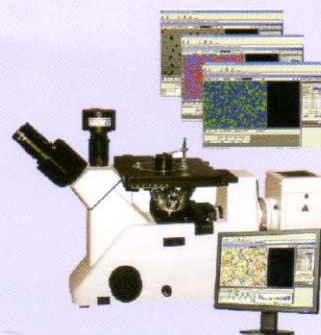
- ✚ Grain Size ASTM E112, E1382, IS474B
- ✚ Phase Area % Volume Fraction ASTM E562
- ✚ Inclusion Rating ASTM E1122, ASTM E45
- ✚ Inclusion Rating - DIN Standards
- ✚ Inclusion Rating - JIS & GOST Standards
- ✚ Graphite Flake Size ASTM A247
- ✚ Nodularity ASTM A247
- ✚ Porosity ASTM B276
- ✚ Decarburization Depth ASTM E1077, ISO 3887
- ✚ Coating Thickness ASTM E481, ISO 1463
- ✚ Degree of Banding ASTM E1268
- ✚ Dendritic Arm Spacing
- ✚ Carbide Bending ASTM E1268

## *Our Other Products*

- ✚ Metrology & Measurement Lab Equipments
- ✚ Metallurgy Lab Equipments
- ✚ Dynamics Lab Equipments
- ✚ Kinematic Models
- ✚ Gear Models
- ✚ Survey Lab Instruments
- ✚ Soil Mechanics Lab Equipments
- ✚ Concrete & Highways Lab Equipments
- ✚ Environmental Engineering Lab Equipments
- ✚ Structural Engineering Lab Equipments
- ✚ Lathe Tool Dynamometer
- ✚ Drilling Tool Dynamometer



**Metallurgical Microscope**



**Image Analysis System**



**Muffle Furnace**



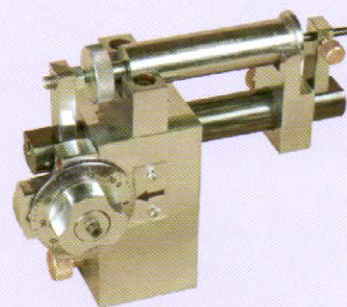
**Hot Air Oven**



- ☞ Milling Tool Dynamometer
- ☞ Brinell Microscope
- ☞ Dial Gauge
- ☞ Magnetic Stand
- ☞ Magnifying Lens
- ☞ Tachometer (Contact & Non Contact Type)
- ☞ Muffle Furnace
- ☞ Hot Air Oven
- ☞ Water Bath
- ☞ Weighing Balance (Electronic / Mechanical)
- ☞ Polishing Machine (Single Disc / Double Disc)
- ☞ Rosette Strain Gauge
- ☞ Shore 'A' & Shore 'D' (Analogue & Digital)
- ☞ Surface Plate (Granite / Cast Iron)
- ☞ Load Cell
- ☞ Proving Ring
- ☞ Dynamometer
- ☞ Micro Structure Samples Etc.,

### *Spares & Accessories*

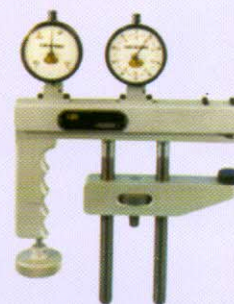
- ☞ Test Blocks for Rockwell, Brinell, Vickers & DHT etc.,
- ☞ Specimens for UTM, Torsion, Impact etc.,
- ☞ Poldi Test bar & Poldi Hardness Tester
- ☞ Dumbell Shape Cutter
- ☞ 200mm Flat Table
- ☞ Indenters (Diamond / Ball)
- ☞ Jack Rest
- ☞ Anvil
- ☞ Tongs
- ☞ Special Fixtures
- ☞ Special Grips Etc.,



**Jominy Fixture**



**End Quench Apparatus**



**Portable Rockwell Hardness Tester**



**Shore Hardness Tester**



**Brinell Microscope**



			
Dynamometer	Loadcell	S-Type Loadcell	Proving Ring
			
Hydraulic Jack	Hardness Machine Accessories	Tong	Dumbell Cutter
			
Impact Accessories	UTM Accessories	V&U Notch Cutter	Indenters
			
Indenters	Poldi Hardness Tester with Poldi Bar	Carbide and Steel Balls	Test Blocks
			
Anvils	Double Shear	Granite Surface Plate	Double Disc Polishing Machine

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