



**UNIQUE**  
Technolab



Call Us

**+91-9022386546**

Unique Techno Lab is incorporated in 2019 with an intention to provide complete tailor made services related to BIS Certification under various Standards along with a high-tech lab equipments / apparatus having high accuracy and near to zero failure rate. At present we are looking forward to provide our services to Plastics Industries, Wooden Industries, Steel Industries, Cement Industries etc.

Unique Techno Lab is having their Works at Ahmedabad, which is known as the Central Hub for Plastic Machineries & Ancillaries for all India. With a competent Technical team of Engineers / Technicians having methodical knowledge & understanding of BIS as well as other International Standards, we have trained and experienced Production / Installation / Servicing team available at the service of our valued Customers.

## **Design & Development**

Our Design & Development team constantly works towards providing value additions in the machines to develop and offer best available testing solutions which are at par with international machines. We always strive to give our customers the best of us which gives them utmost satisfaction and peace of mind.

## **How We Work**

We have our state of the art Production Center in the heart of Ahmedabad with in-house facility for machining, erection and assembly of various Testing Equipments, Apparatus and Accessories. Our Production team is regularly updated on requirements of testing as per the standards for production of accurate machine / apparatus. Our Installation / Servicing team have complete knowledge of the machines and their relevant testing procedures, which helps our customers in having hassel free operations of machines and testing.



## UNIVERSAL TENSILE TESTING MACHINE

Range  
**0-500 Kgs to 0-50000 Kgs various models oras per your testing requirements,**

Load Resolution  
**0-500 gms to 1.0 Kg.**

Speed of Testing  
**5mm per minute to 500mm per minute or as perrequirement of relevant standard.**

Extension  
**As per requirement of relevant standard. Extension measurements through Rotary encoder via Proximity Sensor / HMI.**



## HOT & COLD WATER BATH

USP  
**Essential for Hydrostatic Pressure Test under different test conditions from 20°C to 90°C.**

Size  
**From 48"x24"x18" upto 72"x 48"x 48" or as per requirement.**

Temperature Controller  
**Digital PID Controller with range up to 0 100°C.**

WaterCirculation  
**Through reputed make water pump.**



## OXYGEN INDUCTION TEST (DTA)

Temperature range  
**0 to 400°C**

Heating rate  
**Selectable**

Cooling rate  
**To ambient within 15 to 20 min.**

Gas switching  
**Automatic**

Cell  
**PUF insulated made up of copper**

Crucible Size  
**6mm X 2mm (aluminum & copper)**



## MELT FLOW RATE MACHINE

Temperature Range  
**0-350°C.**

Controller  
**Micro controller for temperature and time with buzzer output**

Timer  
**0-999.9 sec**

Resolution  
**000.0 sec**

Sample Cutting  
**Manual**

Weights  
**2.16 Kg. & 5 Kg. (other load as per the given requirement of given standard)**



## HOT PRESS FOR DENSITY SAMPLE PREPARATION

Automation Grade  
**Automatic**

Brand  
**Unique Technolab**

Availability  
**In Stock**

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## HOT AIR CIRCULATING OVEN

Temperature Controller  
**Digital PID controller with range up to 250°C with controlling accuracy of  $\pm 0.5^\circ\text{C}$  Air**

Circulation  
**Circulating Fan ideally placed at bottom for safety and efficient cooling**

Tray  
**1 Nos. (Or as per Size of Oven)  
Heating**

Load  
**1.5 KW (or as per Temperature required for testing)**

Paint  
**Powder coated**



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## HUMIDITY CHAMBER

Temperature Range  
**15°C to 55°C**

Accuracy  
**± 1%FSD**

RH range  
**5% to 95%**

Controller  
**PID with RH Indicator**

Inner chamber  
**Stainless Steel**

Material of Construction  
**Inner Stainless Steel**  
**Outer Mild Steel with powder coating**



## DEEP FREEZER

Temperature Range  
**-15°C to Ambient**

Controller  
**Microprocessor based PID Controller**

Model  
**Vertical / Horizontal**

Cooling  
**Through reputed make Compressor**

Material of construction  
**Inner Stainless Steel body & Outer Mild Steel Body with PUF insulation**

Paint  
**Powder Coating**



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## CARBON BLACK CONTENT TESTER

USP  
**To determine the carbon black content  
in given pipe sample**

Instrument  
**Microprocessor based PID Controller  
with range up to 1000 °C and Accuracy of  $\pm 1^\circ\text{C}$**

Heating Load  
**2 kw**

Accessories  
**Related Glassware and Chemicals**

Paint  
**Powder Coating**

Power Supply  
**230 V AC/ 50 HZ**



## END FITTINGS FOR PIPES

Material  
**MS-SS-AL**

Size  
**20 to 1200mm**

Threaded Fitting Forms  
**Internal**

Shape  
**Cup & Cone**

Usage/Application  
**Compatible for PVC, PE, SWR, irrigation Pipes  
& Fittings**

Head Type  
**Round**

Pressure rating  
**upto 100bar**



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