LAB Solution India

# LOW TEMPERATURE FREEZER

Our Low Temperature Freezers are in conformity with all requirements of industry for economic way to create Tem -perature below freezing point to suit various standards application in the field of, science & research for storage & testing in biology, anatomy, chemistry & in many other fields, for industry & science

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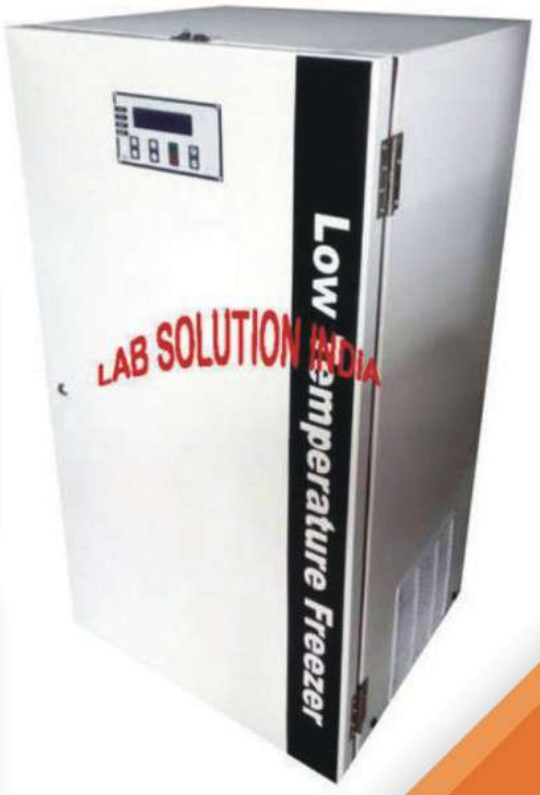
## Specifications : Tests & Applications:

Behavior tests for material & equipments i.e., Electric motors , gears, electrical & electronic parts, cables, plastic material, rubber, oil & grease etc.

Shock tests for metals & other materials for the cold- shrinking of building elements, e.g Shafts, Bolts, Gear wheels, Bearings etc. for the hardening of materials in order to achie -ve better toughness or hardness.
(Ultra Deep Freezer)



# Key Features

## Of Low Temperature Freezer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|---|---|
| Temperature range | As low as -40 Degrees. |
| Display | Digital display Electronic Temperature controller / P.I.D Controller. |
| Temp. Sensor | PT 100 Sensor mounted inside the chamber suspended in air. |
| Inner Chamber | Made of stainless steel 304 quality duly polished. The working chamber is completely free for use. |
| Outer Chamber | The outer housing is made of galvanized steel sheet powder coated or complete Stainless Steel. |
| Cooling Coil | Cooling element is embedded from outer side of the working chamber. |
| Condenser Coil | The Heat Exchanger coil is air-cooled condenser, arranged on right / bottom in Equipment. |
| Refrigerant | CFC free refrigerant. |
| Insulation | Polyurethane foam "PUF". |
| Door | Double Door system with Inner Glass door to avoid temperature loss. |
| Power Source | Electrical supply 220 volts single phase AC. |
| Caster | Two fixed & two swiveling. |
| Alarm device | For protection of materials, which are sensitive to temperature changes. |

# CONTACT:

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