

SINCE 1969

# HOLY SCIENTIFIC

THE ULTIMATE SOLUTION OF LAB INSTRUMENTS



BETTER TECHNOLOGY & BEST QUALITY  
WITH FAST SERVICE

LAB INSTRUMENTS

SCIENTIFIC INSTRUMENTS

LAB EQUIPMENTS

LAB INSTRUMENTS

TESTING KITS

SCIENTIFIC KITS

LABORATORY GLASS WARES

LABORATORY PLASTICWARES

LABORATORY CHAMICALS

## CLOUD & POUR POINT APPARATUS

### INTRODUCTION:

HOLYSCIENTIFIC is one of the leading science equipment manufacturer & exporter of science equipments, science instruments, lab equipments, lab instruments, testing equipments, testing instruments, like Digital bio-safety cabinet, vertical & horizontal laminar air flow cooling & heating instruments like ultra low temperature deep freezers, BOD incubators, hot air oven, muffle furnace, microscope, fume hood environmental test chamber, water distillation plant, SDI kit, ocean grapy meter, water testing kit, PH meter, soil samplers & all types of laboratory & science instruments.

This laboratory & scientific instruments used for laboratory sterilization, clean room, microbiology, pathology, bio technology, pharmaceuticals, seed & soil testing, metallurgical, food processing, customized instruments

**HOLY SCIENTIFIC**

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## CLOUD & POUR POINT APPARATUS



### CLOUD & POUR POINT APPRATUS

#### SCOPE:-

We are the leading manufacturer of various cloud & pour point apparatus in region. Our cloud & pour point apparatus are widely used for day to day in petroleum industries & in various laboratory applications. We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists for individual and specialized research applications. Over a short period of time RASAYAN brand have been established as reliable supplier of cloud & pour point apparatus in India. Apart from that we are supplying our cloud & pour point apparatus in India , catering to a variety of customers ranging from Defense Installations, Research Laboratories, Educational Institutes and various R and D laboratories of leading national and multinational companies.

#### CONSTRUCTION:-

RASAYAN cloud & pour is made according to specification laid by IP by 15 & ASTM D 97. The Pour Point is lowest temperature at which the oil will just fail to flow. The apparatus consist of main cooling bath made out of S.S. Sheet and stand Unit with drain Plug and cover has provision for fitting thermometer and a filling adventure for adding freezing mixture. A Glass Jar for containing Oils, Jackets, Disc and gasket as specified are also provided.

- RELIABLE
- VERSATILE USEAGE.
- MICRO-PROCESSOR BASED CONTROLLERS
- AESTHETICALLY DESIGNED
- ENERGY EFFICIENT
- CFC FREE COOLING

**USEFUL FOR BIOMEDICAL, PATHOLOGY, MICROBIOLOGY, PHARMACEUTICALS, FOOD PROCESSING ETC.**



## CLOUD &amp; POUR POINT APPARATUS



**BETTER TECHNOLOGY & BEST  
QUALITY WITH FAST SERVICE**

- Precise control of environmental parameters
- Corrosion resistant interior & exteriors
- Sturdy construction
- Low maintenance.

Bench-model and floor-model test units with multiple jacketed mechanically refrigerated baths, each factory preset at a different temperature for convenient cloud and pour point testing. Bench model has three baths, set at +30, 0, and -30°C floor model has four baths, set at +30, 0, -30, -50 and -75°C. Each bath has a S.S made top plate with ports for thermometer and four copper test jackets. Synthetic sponge covers over each top plate and gasket hoods over each bath prevent excessive ice accumulation around the test jackets. Cascade hermetic refrigeration system provides reliable long term service. Bath interior and cabinet is constructed entirely of stainless steel. Floor model rides on swivel castors. Supplied with test jackets, gaskets, disks, and thermometer holders for test jars and cooling baths.

#### Construction:-

- Tank made of Stainless Steel, 304 Grade and Dully Polished.
- Outer made of Mild Steel, powder coated
- Polyurethane Foam Insulation (PUF).
- Heavy Duty Castor wheels for easy movement for floor model.
- Provided with Copper jackets, with rubber felt/disks, gaskets, Test jars & Corks.
- Provided drain cock.

#### Refrigeration System:-

- Single stage refrigeration system for temperature up to +30°C, 0°C, -30°C, & cascade refrigeration system for achieving below -50°C, -70°C temperature
- Hermetically sealed KIRLOSHKAR make compressor
- CFC free refrigerant filled.
- Fin and tube type air-cooled condenser.
- Single phase- 230 Volts, 50 Hz.

**BETTER TECHNOLOGY & BEST QUALITY WITH FAST SERVICE**

## CLOUD & POUR POINT APPARATUS

RASAYAN

Immerses multiple copper test jackets in suitable freezing mixtures at the required depth per ASTM specifications. Available with inlet and outlet connections for circulating refrigerated coolant from an external source. Consists of steel exterior housing with polyurethane enamel finish and all S.S interior for corrosion resistance. Removable composition top plate and 1/2" (13mm) ply urethane foam insulation around interior aid in cold retention. Supplied with copper jackets, gaskets, disks, and thermometer holders for test jars and cooling bath. Order test jars and thermometers separately.

### **OPTIONAL**

Full S.S construction also available at extra cost.  
Glycol chamber for uniform & stable temperature.

Images shown in the catalog is for reference only due to the continue up gradation original unit may be differ from it.  
RASAYAN reserve all the rights to change the specification & feature without any notice

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Manufacturer of all types of lab glass wares & instruments

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