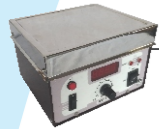




Serving the need of Pharma & Chemical R&D, QC and P.D.Labs since 1985.

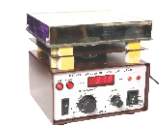
## MAGNETIC STIRRER : MS - 1 & MS - 3



Magnetic Stirrer with Forward and Reverse Stirring Operation.  
Speed Indicator In Selected Model.  
Variable Stirring Speed upto 1200 RPM.

Ref : Catalog Pg No-

## MAGNETIC STIRRER WITH HOT PLATE (THERMOSTAT CONTROL) MS - 2 & MS - 4



Magnetic Stirrer with Hot Plate.  
Speed Indicator In Selected Model.  
Variable Stirring Speed upto 1200 RPM.  
Max Temperature Of Hot Plate : 250° C.

Ref : Catalog Pg No-

## MAGNETIC STIRRER WITH HOT PLATE & DIGITAL TEMPERATURE CONTROLLER MS - 6



Magnetic Stirrer with Hot Plate & Microprocessor based PID, Digital Temperature Controller with Resolution of 0.1 deg. C.  
Variable Stirring Speed upto 1200 RPM. Max Temperature Of Hot Plate : 300° C.  
Settable thermostat safety independent of temperature controller.

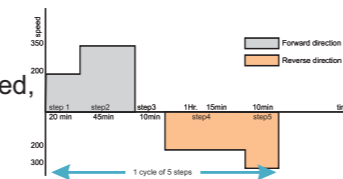
Ref : Catalog Pg No-

## PROGRAMMABLE MAGNETIC STIRRER : MS - 51



Programmable Magnetic Stirrer With Feedback Control and Profiling Stirrer Control. Multiple user defined Stirring steps with different Speed, Direction and Time. User defined program – Save option.  
Variable Stirring Speed Upto 1200 RPM .  
Resume, Restart or Stop option on resumption of power after power failure.

Ref : Catalog Pg No-



## TROLLEY



M.O.C. - SS - 316 **OR** SS - 304  
STANDARD SIZE (L X B X H) - 850 X 700 X 750 (Other Size on Request)  
SHELVE - 1 No. Lockable Castor wheels.

Ref : Catalog Pg No-

## DIGITAL TEMPERATURE INDICATOR



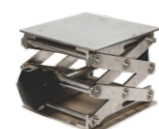
SS-316 RTD PT-100 sensor, Ideal for monitoring true liquid temperature.  
This replaces Glass Thermometer, thus no chance of breakage.  
Temperature Range -199° C to 400° C.  
Sensor Resolution of 0.1° C.



DTI - 04

Ref : Catalog Pg No-

## LAB JACK



Lab Jack Non-corrosive, rust-proof stainless steel material (SS-304),  
Table rise 7" (180 mm), Support weight upto 15 Kg.  
Lock Nut provided for locking height.  
Platform Sizes Available : 6" x 6", 8" x 8", 12" x 12"

Ref : Catalog Pg No-

## ACCESSORIES



- 1 ) RTD PT - 100 SENSOR ( SS - 316 )
- 2 ) 3 FINGER CLAMP
- 3 ) RECTANGULAR SQUARE BLOCK WITH KNOB
- 4 ) STAND BASE : NORMAL DUTY  
: MEDIUM DUTY  
: HEAVY DUTY



Ref : Catalog Pg No-

## UNDER DEVOLVEMENT PRODUCTS : ROTARY EVAPORATOR.

### Office Address

M/s. DEEPALI UNITED MFG.PVT.LTD.  
30/108, Laxmi Industrial Estate,  
New Link Road, Andheri (West),  
Mumbai - 400053.  
Ph :022- 26365544 / 66926137 / 40144799  
M :9220542759 / 9022630943 / 9321089949

### Factory Address

M/s. DEEPALI UNITED MFG.PVT.LTD.  
Plot No. 24, Papdy Industrial Area, Papdy,  
Near Umela Phata, Vasai (West),  
Maharashtra - 401207  
Ph : 0250- 2310146  
M : 9324213570 / 9819145245 / 9323289285

### Authorised Service Centre

M/s. SAYOG CORPORATION.  
101, Vora Industrial Estate No. 4, Navghar,  
Vasai (East), Maharashtra - 401210  
Tel : 0250- 2392898 / 8055456658  
Mob : 9323289285 / 9320305824





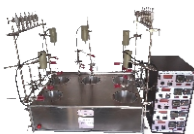
## SINGLE STATION LAB REACTOR : SLR



DU has introduced Single Station Lab Reactor made up of SS-316. User Friendly System. Complete system mounted on Trolley, easy to shift from one place to another. Reactor Vessels available in range of 1 Ltr, 2 Ltr, 3 Ltr, 5 Ltr, 10 Ltr, 15 Ltr, 20 Ltr & 25 Ltr. capacity. The complete Reactor system comes with : Heating, Stirring, Jacketing, Removable Baffles, Flush Bottom Valve, Reactor Lid (Thermowell, Compound Pressure Gauge, Glass Condensor Port, Viewing Window, Nitrogen Purging, Deep Tube, Magnetic Drive Seal, Safety Valve), Tank With Water / Oil Circulation Pump, Platform with Castor wheels & Full System Controlled by single power point

Ref : Catalog Pg No-

## MULTI REACTION WORK STATION : MLT



Multi Reactions Work Station is innovative lab equipment for Synthesis in R&D Laboratory from DEEPALI (DU). Upto 5 Reactions of Individually controlled Heating, Magnetic Stirring, Overhead Stirring, Temperature Indication & Nitrogen Purging in One Lab Hood. Can be Customized as per User's Requirement & available working space.

Ref : Catalog Pg No-

## LAB BASKET CENTRIFUGE LBC-500 & LBC-1000



Compact, Portable and Desktop Design. Provision for nitrogen Purging. Safety - Motor starts only on lid closed position. Stepless variable speed. Polypropylene bag provided for basket. Variable Centrifugal Acceleration (g) Capacity : Upto 500 gm. / Upto 1000 gm. MOC : SS-316 Coating : If required - Teflon / Halar ( PTFE / ECTFE ) On request.

Ref : Catalog Pg No-

## HOT AIR OVEN : HAO



Material Of Construction: Inner Chamber, Exterior chamber, door etc are made up of SS - 316.( Other Material on request ) Forced Air Circulator mounted on the top of the oven. Microprocessor based PID, Digital Temperature Controller with Resolution of 0.1 deg. C. Settable Alarm alert on reaching set point temperature or desired temperature for alarm alert. No Exposed Heating Elements & Terminals. Fixed and Adjustable Air Ventilators For Inner Chamber. Set Over Temperature Control by Thermostat independent of Controller. Our oven range comes with standard dimension sizes. (Customized sizes on request )

## VACUUM OVEN



Material Of Construction: Inner Chamber, Exterior chamber, door etc are made up of SS - 316.( Other Material on request ) Double toughened glass window provided in the front door to view the inner Chamber. Microprocessor based PID, Digital Temperature Controller with Resolution of 0.1 deg. C. The Adjustable Over Temperature Limit Control is completely independent of the main Temperature controller and guards against malfunctions. Door Sealed with High Temperature Silicone Gasket. Settable Alarm alert on reaching set point temperature or desired temperature for alarm alert. Our oven range comes with standard dimension sizes. (Customized sizes on request ) **Vacuum Gauge Options** Analog type Vacuum Mechanical Dial Gauge with wetted part SS-316, Panel mounting, 2.5 Inch Dial Diameter with 1/4" BSP male fitting. Digital type Vacuum Indicator and vacuum transducer with 1/4" BSP male fitting.

Ref : Catalog Pg No-

## HEAVY DUTY STIRRER : HDS - 01



370 watt/0.5 Hp. 3 phase motor. Suitable for 415 V, 3 phase 50 Hz **OR** 230 V, 1 phase 50 Hz Supply. Output Speed variable Upto 300 / 600 / 1000 / 2000 RPM Soft start/stop feature for smooth Process. Stirring Torque is higher as maximum speed is lower.

Ref : Catalog Pg No-

Ref : Catalog Pg No-

## MAGNETIC COUPLING DRIVE : MCD - 025 / MCD - 080



Top mounted compact Light weight integral inline motor magnetic coupling drive. Zero Leakage, no waste of expensive liquids through leakage. Suitable for stirring and vacuum Distillation in acidic reaction also. Capacity : MCD - 025 → 25 N-cm MCD - 080 → 80 N-cm

Ref : Catalog Pg No-



## OIL BATH



Unique Design - Top of Inner & Outer Vessels is sealed. A Clear Bottom. Unique Design ensures no heater burn out due to lack of liquid. Double wall construction made up of fully stainless steel (SS-316) Body. Inner and Outer chamber gap filled with Cera wool. Controller box made up of SS-316. Microprocessor based PID, Digital Temperature Controller with Resolution of 0.1 deg. C. Settable thermostat safety independent of temperature controller Temperature Range : upto 250° C.

## DUAL CONTROL OIL BATH



All Features of our standard Oil Baths. PID based Two Digital Temperature Controllers, One for Heater & another for Reaction media. This feature enables over temperature safety of Reaction Media in case of any Controller Failure. External RTD sensor (Type: Pt-100) enables user to control Reaction Media/Heating Media Temperature which can be controlled through Reaction Media Temperature Controller. Over Temperature Safety INDEPENDENT of Both Temperature Controller By Settable Thermostat.

Ref : Catalog Pg No-

## ADVANCED HEAT BATHS



All Features of our standard Oil Baths. Two Temperature Controllers, One for Reaction Media & another for Heater. This feature enables Over Temperature Safety of Reaction Media in case of any Controller Failure. Two Temperature Control Algorithms Available: PID, ON-OFF. Single Settable Temperature Ramp Rate. Multiple Settable Temperature Profile. Soft Start feature avoids sudden jerk of 230VAC to bath heater which in turn increases working life of a heater. Serial Interface for PC Connectivity with RS - 485. (Can be integrated with DU's Hydra Software for Remote control & Data Logging) Over Temperature Safety INDEPENDENT of Both Temperature Controller By Settable Thermostat.

Ref : Catalog Pg No-

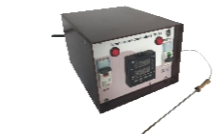
## OIL BATH WITH MAGNETIC STIRRER : OBM



Unique Combo Design of Oil Bath with Magnetic Stirrer. All Features of our standard Oil Baths. Built-in Magnetic Stirrer having following features : Non-stop (day & night) Stirring. Forward and Reverse Options. Efficient Speed Controller for step-less speed control. 12 V DC Motor. Selectable modes – only stirring or only heating or stirring and heating both. Settable thermostat safety independent of temperature controller. Temperature Range: upto 250° C.

Ref : Catalog Pg No-

## DIGITAL TEMPERATURE CONTROLLER TC - 1, TC - 2 & TC-5



Self tune PID controller with programmable heat / cool control module. Soak Timer in TC - 5. Independent Timer in TC - 2. SS-316 RTD Pt – 100 ideal for monitoring true liquid temperature Suitable for any external heater/cooler (upto 2500 Watts) Temperature Range -99° C to 400° C

Ref : Catalog Pg No-

## OVERHEAD STIRRER : (LS-2, LS-3, LS-5, LS-31, LS-35)



Stirrers with and without speed Indicators. Continuous Variable speed upto 100/200/400/600/1000/1500/4000 RPM Stirring Torque is higher as maximum speed is lower. Separate Controller Unit.

Ref : Catalog Pg No-

## OVERHEAD STIRRER WITH TIMER OR EXTERNAL TEMPERATURE CONTROL (LS-9, LS-10, LST-2, LST-5)



With or Without speed Indicators With Timer (LS-9, LS-10) With External Temperature Control (Upto 2500 Watts), (LST-2, LST-5) Separate Controller Unit.



Ref : Catalog Pg No-

## OVERHEAD STIRRER WITH FEEDBACK CONTROL, CURRENT AND SPEED INDICATOR : LS-16



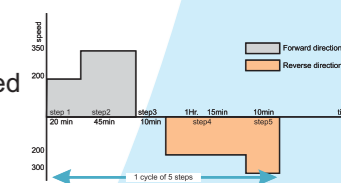
With Feedback Control and Digital Speed Indicator. With Digital Current Indicator.

Ref : Catalog Pg No-

## PROGRAMMABLE OVERHEAD STIRRER : LS-61



With Feedback Control and Profiling Stirrer Control. Multiple user defined Stirring steps with different Speed, Direction and Time. User defined program – Save option. Resume, Restart or Stop option on resumption of power after power failure.



Ref : Catalog Pg No-