

For economy with dependability

EVATOR[®]

Rotary Vacuum Evaporator



An Astute Alternative



Company Profile:

The Evator series from **Medica Instrument Mfg Co.**, offers an incomparable performance to price advantage. With reliability ensured due to its company wide operating practices as per ISO 13485:2003 standards and its ability to design & deliver feature rich user-friendly products, Evator from Medica is the intelligent choice.

Applications:

- ◆ The Ideal partner for all routine rotary vacuum evaporation's at Universities, Colleges, Schools, small to mid size Companies, and as a standby unit.

EVATOR Advantages:

- ◆ Spark-less drive unit AC motor with assured speed regulation.
- ◆ Flask sizes from 100 to 1000 ml.
- ◆ Digital Temperature Controller for Water Bath.
- ◆ PTFE / glass sealing mechanism.

Construction:

The Evator range like all Medica products, has been designed for ease of use and dependability. Starting from the raw material stage to mid-process inspections, every Evator's final test is done in a state of the art Test Room by qualified Engineers as per standards for its performance across all its specifications. Every single Evator is delivered along with a signed Test Report.

- ◆ Smooth, adjustable, maintenance free and user friendly single lever manual lift.
- ◆ Water Bath with efficient insulation.
- ◆ Seamless Stainless Steel Round Bath inner vessel.

Standard Features:

- Drive Speed with assured speed control from 50 to 250 RPM.
- Water Bath with energy efficient heater - range ambient +5 to 99°C.
- Vertical Glass Set with 1000 ml B29 Evaporating Flask & 1000 ml S35 Receiving Flask, B29 plastic C Clip & S35 Ball Joint Clip.
- Flask ejector for easy removal of evaporating flask.
- Power Supply: 230 VAC, 50 Hz, single phase.

Optional Accessories / Spares:

- Vacuum Pump - PTFE diaphragm type.
- Vacuum Regulator - Analogue.
- Chilled Water Circulator - Manual.
- Vacuum Trap.
- Round Oil Bath - Digital upto 180°C.
- Tubing's set.
- Flasks, B29 Evaporating & S35 Receiving, in capacities of 100, 250, 500 & 1000 ml.
- Clips for B29 & S35 joints.



EQUIVAC™ OIL - FREE PTFE COATED DIAPHRAGM PUMP Q20:

- Portable and handy with carrying handle.
- Wetted parts of inert plastics. PTFE coated diaphragm (with German technology).
- Supplied with glass separator.
- Equipped with retro-mounting of vapours / vacuum trap.
- Continuous rated motor.
- Ultimate Vacuum of 20 mbar, Air displacement 22 lit/min.
- In / out nozzles of Ø9.5mm.

Notes:

- Use of vapours / vacuum trap (optional) is highly recommended.



EVATOR® VACUUM REGULATOR - ANALOGUE:

- Use of a Vacuum Regulator with a suitable vacuum pump enhances solvent recoveries to above 90%.
- Ideal partner for EVATOR.
- Easy readout with large analogue dial; Range 0 to 760 mm/Hg.
- Compatible with any laboratory vacuum source.



EQUITRON™ CHILLER - MANUAL:

- Cooling - manually by ice.
- Avoid waste of cooling water.
- All water contact parts of inert material.
- Fill up volume of 20 lit.
- Continuously rated maintenance free motor.
- Pumping capacity 9 lit / min at zero head.



EQUITRON™ VACUUM TRAP:

- Used for trapping uncondensed solvent vapours prior to vacuum source and / or controller.
- Built-in high surface area cooling coils for circulation of chilled water.
- Made of Borosilicate glass.



EQUITRON™ ROUND OIL BATH - DIGITAL:

- Suitable for Oil with temperature range upto 180°C.
- Ø230 x 130 mm SS inner body with energy efficient contoured bottom.
- SS tubular immersion heater.
- Can be used for other applications in the laboratory also.





TUBING'S SET:

- PVC tubings for water circulation of 3 met length - 2 nos.
- Tap adapter - 1/4" for connecting to normal tap.
- NBR pipe for vacuum connection.



Model	Description	App. Shipping Details Net / Gr. / Volume
#EV11	EVATOR Rotary Evaporator	20 kg / 25 kg / 0.220 m ³
#9075.CRP.020	EQUIVAC PTFE Diaphragm Vacuum Pump 020 - free air displacement 22 lit/min	5.0 kg / 7.0 kg / 0.053 m ³
#8925.REG.760	Vacuum Regulator - Analogue	1.5 kg / 2.5 kg / 0.015 m ³
#8930.X00.EVA	Chiller - Manual	6.0 kg / 14 kg / 0.12 m ³
#8841.CT0.000	Vacuum Trap	6.0 kg / 8.0 kg / 0.059 m ³
#8483IS-DWO	Round Oil Bath	5.0 kg / 6.0 kg / 0.025 m ³
#S1286-10	Tubing's Set: 6 met PVC tubing with tap adapter for water inlet & drain, 3 met NBR tubing for vacuum pump	1.0 kg / 2.0 kg / 0.015 m ³
#S1315-10	Evaporating Flask B-29 - 0100 ml	
#S1315-15	Evaporating Flask B-29 - 0250 ml	
#S1315-20	Evaporating Flask B-29 - 0500 ml	
#S1315-25	Evaporating Flask B-29 - 1000 ml	
#S1316-10	Receiving Flask S-35 - 0100 ml	
#S1316-15	Receiving Flask S-35 - 0250 ml	
#S1316-20	Receiving Flask S-35 - 0500 ml	
#S1316-25	Receiving Flask S-35 - 1000 ml	
#S1010-20	Spare C Clip B-29	
#S3103-10	Spare SS Clip B29	
#S1316-25	Receiving flask for SS Clip S35	

All electrical appliances work on 230V AC, 50Hz, single phase. Other Voltages available on request.
Due to continuous improvement in design, the product supplied may have modified features.

Our Other Products: Autoclave Vertical: Standard / PAD / Fully Automatic / Jacketed, Autoclave Portable: Standard / Automatic, Autoclave SLE Series: Vacuum, Autoclave SLE series - Media Preparator - Table Top Autoclaves: Normal / Glass B - UV Sterilization Cabinet - Rotary Vacuum Evaporator - Vacuum Controller - Chilled Water Circulator - PTFE Diaphragm Vacuum Pump - BOD Incubator - BSC Clean Bench - Water Still / Stone-ite / Automatic Water Still - Water Bath: Stirred (Constant) / Sterilological / Concentric Rings / Shaking / Refrigerated Circulating Bath - Round Bath: Clear Bottom - Inertion Series / ECO Series - Ultrasonic Bath: Digital / LCD - Dry Bath - Colony Counter - Hot Plate with Magnetic Stirrer - Ascorbic Jar: SS / Polycarbonate / Pipette & Petri Dish Sterilizing Box - Test Tube Rack - SSR Westinghouse & Wihrobe Apparatus - Slide Staining Stand / Rack / Trough - Slide Trays - Slide Cabinet

MultiLab

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