

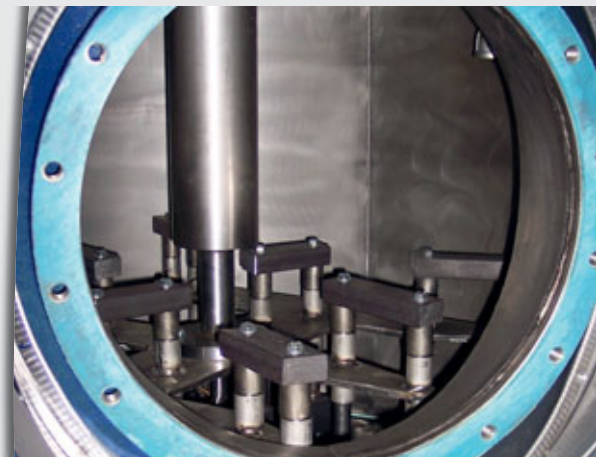
ROTOmax-e

Components:

- Cylindrical, vacuum-tight distillation boiler consisting of an insulated dome (stainless steel) with a heating floor (standard steel) flanged to the bottom
- Insulated, flat heating floor for heating with steam (10 bar, 185°C max), consisting of a double-walled plate, ensures an excellent heat transfer and full heating capacity regardless of the solvent level in the boiler
- Steam generator flanged to the heating floor, operated with electric power or with steam or thermal oil from an on-site network. Direct heating of the floor with steam or warm water is also possible
- Water-cooled stainless steel condenser
- Rotating scraper system (rotor), prevents incrustations on the heating floor, agitates the material to be distilled and keeps the discharge valve clean
- Dirt-resistant discharge valve, operated manually or pneumatically
- Unit on sturdy frame
- Discharge height adapted to disposal container and/or 200-l-barrel (on a pallet). Other heights are possible.
- Viewing glass and explosion-proof halogen lamp for observing the distillation process
- Automatic filling stop when a preset filling quantity is reached; the filling quantity is monitoring by means of load cells that register the total weight of the distillation boiler; filling stop by means of a pneumatic ball valve in the filling line
- Batch distillation or continuous distillation possible
- Control of the heating temperature according to the boiling temperature
- PLC system and display with readings on heating temperature, filling quantity, refilling quantity, residue quantity, distillate quantity

Accessories:

- Vacuum unit for lowering process temperatures with a liquid jet vacuum pump
- Residue temperature control system for processing heat-sensitive substances
- Sealing plate or sealing hood adapted to on-site disposal container, optionally with an air extraction system
- Thermostatic valves if the unit is connected to an on-site cooling/public water supply; separate cooling water devices with separate circuits are available as option.



ROTomaX-e 15 – 30

Distillation unit	ROTomaX-e 15	ROTomaX-e 20	ROTomaX-e 30
Filling volume	ca. 50 l - 200 l	ca. 50 l - 250 l	ca. 70 l - 400 l
Vessel volume	ca. 350 l	ca. 450 l	ca. 750 l
Distillation output *	ca. 45-90 l/h	ca. 60-120 l/h	ca. 90-180 l/h
Cooling water flow rate ***	ca. 1,5 m³/h	ca. 2,0 m³/h	ca. 2,5 m³/h
Heating energy	15 kW	20 kW	30 kW
Weight **	2000 kg	2000 kg	2300 kg
	W x H x D	W x H x D	W x H x D
Dimensions mm **	1420 x 2870 x 1850	1420 x 2870 x 1850	1620 x 2970 x 2050
Required space mm **	4000 x 3500 x 3400	4000 x 3500 x 3400	4200 x 3500 x 3600
Shipping dimensions mm **	1600 x 2400 x 2000	1600 x 2400 x 2000	1800 x 2600 x 2200

* Distillation output depends on the solvent

** Standard version without accessories, without solvent container

*** If water from the public supply system is used, depends on the water temperature and the boiling point of the solvent, closed cooling circuit without water consumption is possible

