

Evaporators

Rotary Evaporators RE-400 series



- ◆ Choice of versions:
 - Standard diagonal condenser
 - Vertical condenser for use where space is at a premium
 - Cold finger condenser for use with dry ice or ice-salt mixtures
 - Uncoated or polymer safety-coated glassware for additional safety during vacuum use
- ◆ Suitable for:
 - Concentration of solutions at atmospheric or reduced pressure
 - Reclamation of solvents
 - Degassing of liquids
 - Vacuum drying wet solids
- ◆ Digital display
- ◆ Sparkless induction motor
- ◆ Selectable clock/anticlockwise rotation which can be alternated during operation
- ◆ Counterbalanced manual lift allows almost effortless operation

With solid-state control maintaining constant torque at all speed settings. In use, the material distilled only contacts glass or PTFE, avoiding contamination and corrosion problems. The vacuum seal is protected by a PTFE defence system. A feed tube adapter permits continuous addition of material to the rotating flask. All connections for water and vacuum are fitted with PTFE screwthread connectors for chemical and temperature resistance with quick, safe assembly. Speed range 20 to 190rpm. Achievable ultimate vacuum levels <1mm Hg. For 220-240V 50Hz single phase supplies.

Rotary Evaporator, Stuart, RE-400

With manual lift and diagonal condenser.

- EV072-11** Evaporator RE-400
- EV072-13** Evaporator RE-400P, plastic coated glassware

Rotary Evaporator, Stuart RE-401

With manual lift and vertical condenser.

- EV072-26** Evaporator RE-401
- EV072-28** Evaporator RE-401P, plastic coated glassware

Rotary Evaporator, Stuart RE-402

With manual lift and cold finger condenser incorporating drain tap.

- EV072-37** Evaporator RE-402
- EV072-40** Evaporator RE-402P, plastic coated glassware

Water Baths, Stuart RE-400DB and RE-400B

A choice of baths for use with water or oil. With digital, set and read, thermostatic control, from ambient up to maximum temperature indicated. A safety cut-out prevents overheating. For 230V 50/60Hz single phase supplies.

- EV078-56** RE-400DB, water bath, 4.3 litres, maximum 90°C
- EV078-66** RE-400OB, oil bath, 5.0 litres, maximum 180°C

Spares

- EV074-11** Vapour tube, RE100/VT for angled condenser
- EV074-13** Vapour tube, RE100/VT/CF for vertical and cold trap condensers

Standard glassware

- EV074-15** Receiving flask, 1000ml, RE100/RF1L
- QFD1L/4RE** Rotating flask, Florentine shape, 1000ml
- EV074-18** Angled condenser, RE100/CO
- EV074-19** Vertical condenser, RE200/VC
- EV074-20** Cold finger condenser, RE200/CF*

Plastic coated glassware

- EV075-15** Receiving flask, 1000ml, RE100/RF1LP
- EV075-18** Angled condenser, RE100/COP
- EV075-19** Vertical condenser, RE200/VCP
- EV075-20** Cold finger condenser, RE200/CFP*
- EV074-22** Feed tube/aeration stopcock, RE100/VR
- EV074-25** Vacuum seal, RE100/VS
- EV074-27** Drain tap for cold finger condensers, RE200/CFD

*Supplied without drain tap — see EV074-27.

Accessories

	Description
Receiving flasks, standard glassware	
EV074-50	50ml, RE100/RF50
EV074-54	100ml, RE100/RF100
EV074-58	250ml, RE100/RF250
EV074-62	500ml, RE100/RF500
Receiving flask, plastic coated glassware	
EV075-62	500ml, RE100/RF500P
Rotating flasks, Florentine shape, standard glassware	
QFD50/4RE	50ml
QFD100/4RE	100ml
QFD250/4RE	250ml
QFD500/4RE	500ml
EV074-70	Extension adapter, RE100/EA. For use with 50ml, 100ml and 250ml rotating flasks



EV072-11 with EV078 bath



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