



### Rotary evaporators, Rotavapor® R-210 Advanced

**2**<sup>YR</sup>



- All the features and components of the Rotavapor® Basic plus:
- V-850 vacuum controller with solvent library and full manual control for accurate, efficient distillations
- Rotavapor® systems pre-configured either for optimal use with Büchi pumps, or with other vacuum systems
- Automatic start/stop of the Rotavapor® and Büchi V-700 series pumps
- Single button operation

The R-210 Advanced range is supplied with the semi-automatic V-850 vacuum controller to allow precise control of distillations without the need to manually open vacuum stopcocks. The V-850 allows full control of parameters such as vacuum setting, start/stop of the flask rotation and the automatic lowering or raising of the motorised jack. Integral to the V-850 is a solvent library – simply select the solvent to be distilled and the V-850 automatically calculates the optimum conditions and starts the distillation. If preferred, fully manual operation or over-ride is possible. A large LCD graphics display clearly shows the distillation parameters.

Two pre-configured versions are offered - either for use with Büchi's award-winning V-700 series of pumps, or for use with other vacuum pumps or house vacuum systems.

All Advanced systems supplied with V-850 vacuum controller, B-491 digital heating bath, motorised jack, Woulff bottle or valve unit, and plastics-coated (P+G coated) glassware.

#### Technical Specification - General

Dimensions [w x d x h], mm	550 x 415 x 575
Mass, kg	16 to 18 (depending on glass assembly)
Speed, rpm	20 to 280
Volume, mL	50 to 4,000 (flask)
Capacity, kg	3 (max. flask load)
Temperature range, °C	Ambient 5 to 95 (water mode); Ambient+5 to 180 (oil mode)
Bath temperature deviation	±2
Bath volume, L	4
Vacuum measurement accuracy	±2mbar (±1 digit)

#### R-210 Advanced models for connection to any vacuum source

Catalogue No	Legacy No	Alt. No	Description
12716964	-	23011A112	With valve unit and diagonal glass assembly with P+G coated glass
10512245	-	23011V112	With valve unit and vertical glass assembly with P+G coated glass
12078129	-	23011C112	With valve unit and cold trap glass assembly with P+G coated glass
12777014	-	23011S112	With valve unit and vertical reflux glass assembly with P+G coated glass

R-210 Advanced models for connection to V-700/V-710 vacuum pumps. A complete working system requires the pump and an RJ45 control cable (12716794)

Catalogue No	Legacy No	Alt. No	Description
12706964	-	23011A111	With Woulff bottle and diagonal glass assembly with P+G coated glass
12707034	-	23011V111	With Woulff bottle and vertical glass assembly with P+G coated glass
10863231	-	23011C111	With Woulff bottle and cold trap glass assembly with P+G coated glass
12767014	-	23011S111	With Woulff bottle and vertical reflux glass assembly with P+G coated glass

#### Accessories

Catalogue No	Legacy No	Alt. No	Description
1 12055532	-	048164	Vapour duct with Combi-Clip for R-II/R-210/R-215 series, assembly A (diagonal condenser) only
2 12736844	-	048160	Vapour duct with Combi-Clip for R-II/R-210/R-215 series, vertical condensers and cold traps
3 12786834	-	048021	Vacuum seal for all R-II/R-210/R-215 instruments
12722255	-	040627	Introduction stopcock for Rotavapors®, borosilicate glass
10108311	-	037287	Tubing connections, bent, GL14. Set of 4
10105412	-	071000	Vacuum pump, V-700, pump only
10278852	-	072000	Vacuum pump, V-710
12667783	-	11056464	F-108 recirculating chiller
12787173	-	48618	Flask support ring
12716794	-	044989	RJ45 control cable, 2m length

