

The **Concentrator 5301** from Eppendorf is available in two versions: Either as part of a complete system with solvent-resistant diaphragm pump or as an easily upgradeable basic device, efficient and gentle vacuum concentration of your samples (e.g. DNA/RNA, proteins) is guaranteed. Optimal and rapid evaporation of your samples is made possible by innovative powerful heating technology. The emission condenser that is supplied with the concentrator purifies the exhaust air by up to 5% as a protection against unpleasant vapors and an automatic condensate drain prolongs the service life of all components that come into contact with vapors.

A wide range of fixed angle rotors, which take up to 44 samples in sandwich mode, and the new microtiter plate rotor **A-2-VC** enable the Concentrator 5301 to be used for wide ranging applications in the laboratory.

Product features Concentrator 5301

- Service-free, chemical-resistant PTFE diaphragm pump (pump capacity: 1.7 m³/h)
- Noise level of complete system ≤60 dB (A)
- Chemical-resistant stainless steel chamber
- Temperature preselection: room temperature, 30 °C, 45 °C and 60 °C
- Variable tube connection for external vacuum pump or central vacuum system
- Basic device easily upgradeable to the complete system



Swing-bucket rotor A-2-VC

- For use with microtiter plates, PCR plates with or without frames and up to 2 x 96 PCR tubes (by the use of the perfectly fitting work tray)
- PCR plates without frames, PCR tubes and tube strips can be loaded into the work tray (order no.: 0030 124.235) and the accompanying frame (order no.: 0030 124.243) and then the work tray is inserted into the rotor
- Rotor is autoclavable (20 min, 121 °C)
- Up to four microtiter plates can be centrifuged down at low speed (manual swing-out test required)

Rotors for Concentrator 5301

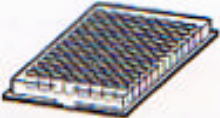




Product features for rotors

Different rotors for many different tube types (from 8 to 72 positions)

● A spacer enables sandwich use with some fixed-angle rotors increasing the capacity to 96 or 144 samples



Ordering information for rotors:

Tube/Plate	Tube capacity in ml	Tube dimensions in mm (Ø x L)	Tube capacity per rotor	Rotor	Order no. for rotor	£
	96 x 0.2	128 x 86 x 15	2	A-2-VC	5490 045.009	474.00
	0.5	8 x 31	72	F-45-72-8	5490 034.007	213.30
	1.5 2	11 x 41 11 x 47	70	F-45-70-11	5490 032.004	213.30
	1.5 2	11 x 41 11 x 47	48	F-45-48-11	5490 030.001	213.30
	6*	12 x 67-100*	24	F-45-24-12	5490 036.000	224.00
	15	16 x 97	8	F-50-8-16	5490 041.003	217.50
	16*	18 x 105-128*	8	F-50-8-18	5490 042.000	225.00
	15	17 x 120	8	F-45-8-17	5490 038.002	254.00
	1.5	12 x 32	36	F-40-36-12	5490 040.007	225.00
	6	15 x 48	36	F-45-36-15	5490 035.003	224.00
	6.5 10	20 x 42 20 x 55	16	F-45-16-20	5490 043.006	217.50
	10	19 x 66	18	F-40-18-19	5490 037.006	225.00
	20	31 x 55	12	F-45-12-31	5490 044.002	437.00
	25	24 x 86	8	F-35-8-24	5490 039.009	225.00

* / max. tube length and max. volume, respectively.

Specifications and accessories for the Concentrator 5301

Ordering Information

Article	Order no.	£
Concentrator 5301 complete system		
with built-in diaphragm pump, incl. 48 x 1.5/2.0 ml fixed-angle rotor	5301 000.210	3,710.00
Concentrator 5301 complete system		
with built-in diaphragm pump, without rotor	5301 000.610	3,510.00
Concentrator 5301 basic device		
incl. 48 x 1.5/2.0 ml fixed-angle rotor	5301 000.016	2,288.00

Accessories

Kit for upgrading basic concentrator to the complete system		
Diaphragm pump with inner PTFE coating (230 V, 50 Hz), emission condenser and two rails for connecting concentrator and pump	5399 000.167	1,900.00
Spacer for sandwich use of the fixed-angle rotors		
1 piece	5301 316.005	13.20

Technical Specifications Concentrator 5301

Technical Specifications	Concentrator 5301, complete system	Concentrator 5301, basic device
Dimensions (W x D x H in cm)	32 x 53 x 30	32 x 37 x 23
Weight (in kg)	31	17
Max. power consumption (in W)	350	150
Vacuum	20 hPa (20 mbar)	20 hPa (20 mbar)
Fixed rotation speed	1.400 1/min	1.400 1/min