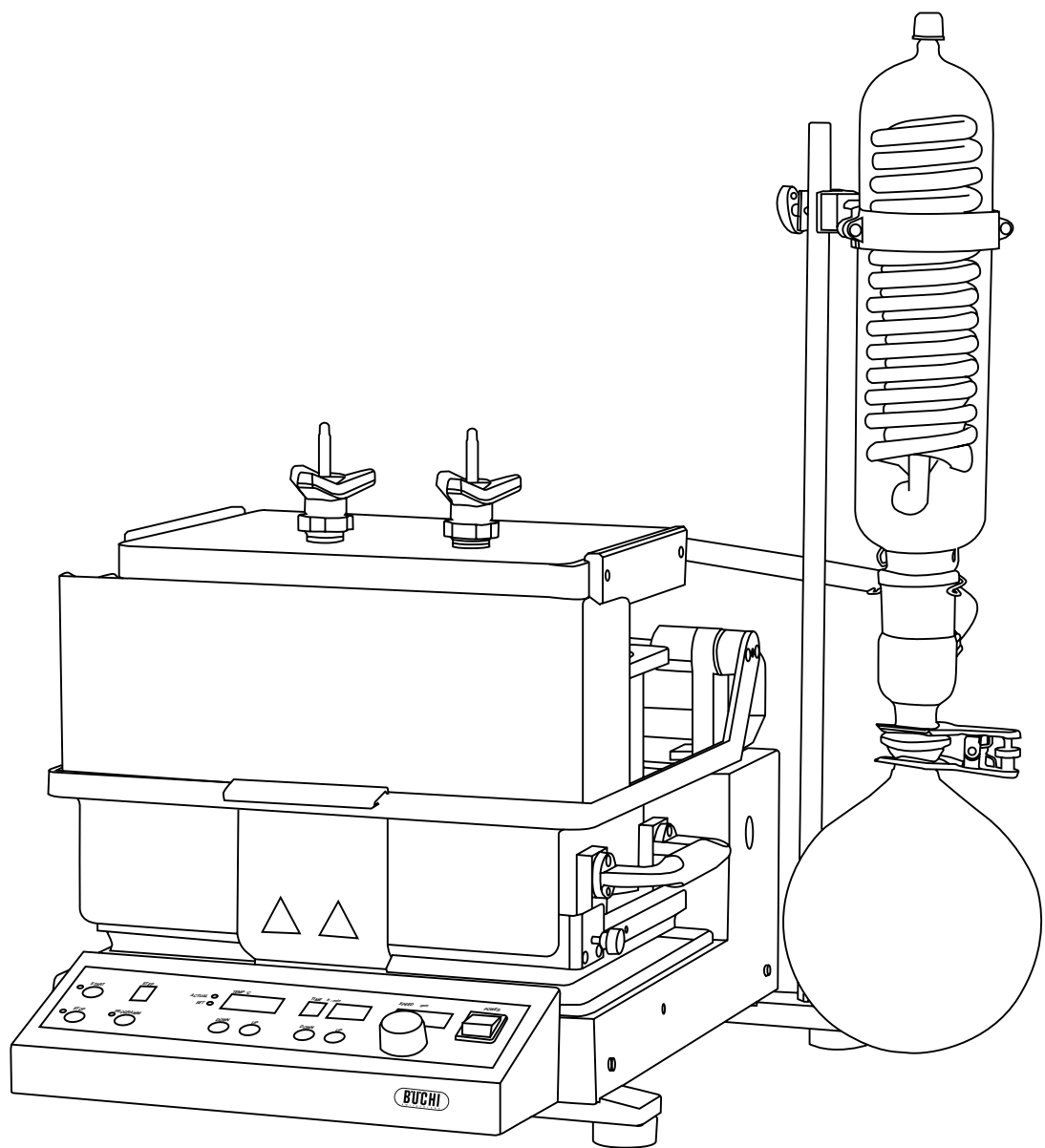




Syncore® Analyst

Technical Data Sheet

With the Syncore® Analyst, BUCHI is offering a solution for a fast, gentle and environment-friendly multiple sample concentration. Thanks to the water chilled appendix, individual sealing and a heatable cover, cross-contamination can be inhibited and recoveries can be maximized. Profit from a verified solution including vacuum pump, vacuum controller and recirculating chiller to get even more advantage for your sample workup.



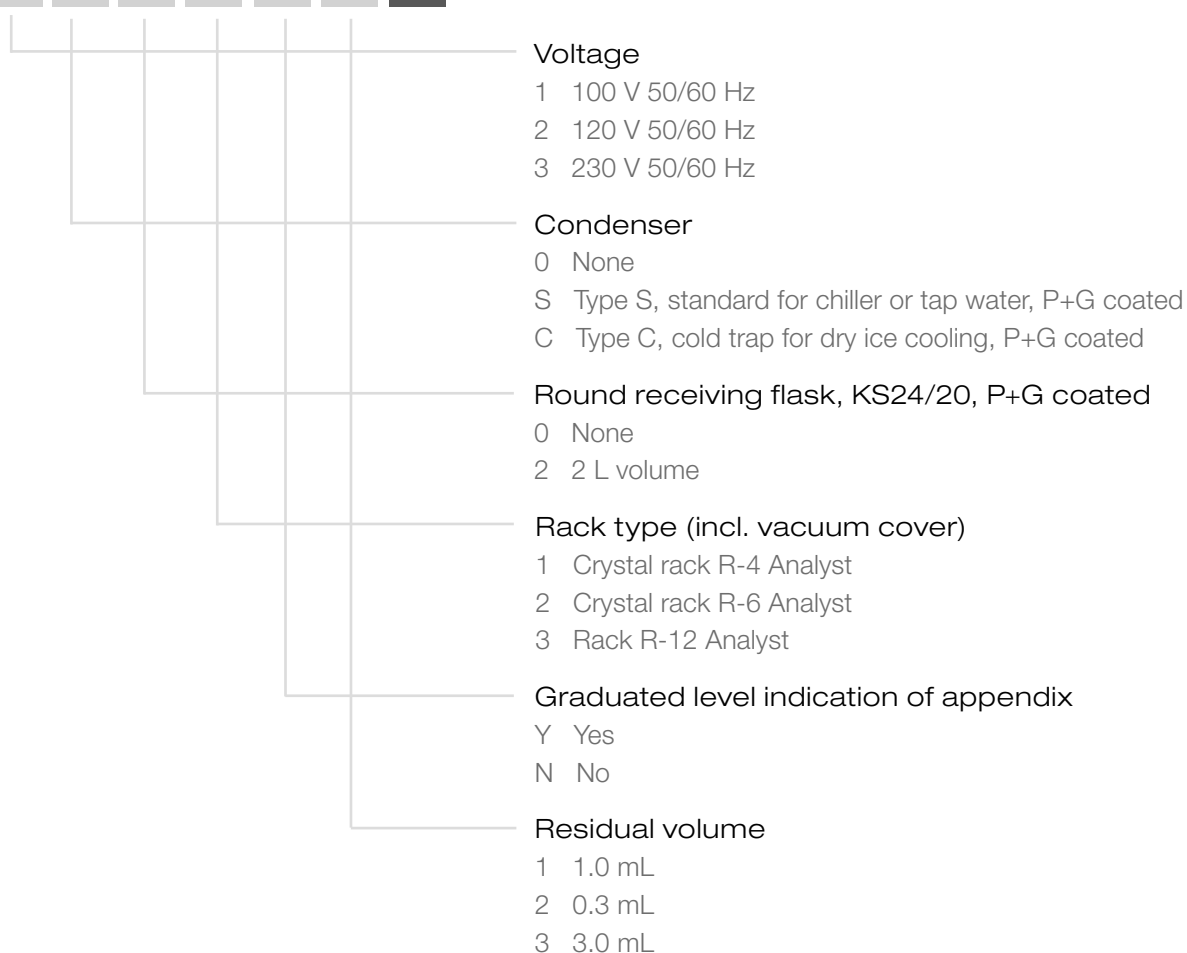
Scope of Delivery

Components	Syncore® Analyst R-4	Syncore® Analyst R-6	Syncore® Analyst R-12
Syncore platform	1	1	1
Condenser unit	1	1	1
Analyst rack	1	1	1
Tubes with appendix	4	6	12
Vacuum cover	1	1	1
Syncore application guide	1	1	1
Operation manual	1	1	1
Hose for vacuum, 0.6 m	1	1	1
Hose for cooling water, 1.5 m	1	1	1

Order Code

Choose the configuration according to your needs:

1 **A** **0**



Dimensions and weight

	Dimensions (W x H x D)	Weight
Syncore analyst platform (without rack and tubes)	480 x 354 x 487 mm	30 kg

Technical data

	230 V ±10 %	120 V ±10 %	100 V ±10 %
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power consumption of platform	1500 W	1500 W	1500 W
Power take-up for vacuum connection	max. 120 W	max. 120 W	max. 120 W
Minimum temperature	-20 °C with optional cooling plate		
Maximum temperature	+150 °C		
Temperature of vacuum cover	room temperature to +70 °C		
Rotation speed	0 - 600 rpm		
Pre-set safety settings	speed, min. to max. temperature, AutoStart		
Temperature program	9 steps, up to 9 hours, 59 minutes		
Connections	TTL for an external ON / OFF signal		
Valve connection for cooling plate option	24 V DC, temperature-controlled, hysteresis 0.5 °C		
Valve connection	24 V DC, programmable		

Accessories

R-4 Rack	Order number
Set of 4 glass tubes for rack R-4 Analyst For working volumes up to 500 mL, residual volume 3.0 mL	047797
Set of 4 glass tubes for rack R-4 Analyst For working volumes up to 500 mL, residual volume 1.0 mL	047798
Set of 4 glass tubes for rack R-4 Analyst For working volumes up to 500 mL, residual volume 0.3 mL	047799
Set of 4 graduated glass tubes for rack R-4 Analyst For working volumes up to 500 mL, residual volume 3.0 mL	047740
Set of 4 graduated glass tubes for rack R-4 Analyst For working volumes up to 500 mL, residual volume 1.0 mL	047741
Set of 4 graduated glass tubes for rack R-4 Analyst For working volumes up to 500 mL, residual volume 0.3 mL	047742

R-6 Rack	Order number
Set of 6 glass tubes for rack R-6 Analyst For working volume up to 250 mL, residual volume 3.0 mL	038555
Set of 6 glass tubes for rack R-6 Analyst For working volumes up to 250 mL, residual volume 1.0 mL	038569
Set of 6 glass tubes for rack R-6 Analyst For working volumes up to 250 mL, residual volume 0.3 mL	038485
Set of 6 graduated glass tube for rack R-6 Analyst For working volumes up to 250 mL, residual volume 3.0 mL	038557
Set of 6 graduated glass tube for rack R-6 Analyst For working volumes up to 250 mL, residual volume 1.0 mL	038575
Set of 6 graduated glass tube for rack R-6 Analyst For working volumes up to 250 mL, residual volume 0.3 mL	038168

R-12 Rack	Order number
Set of 12 glass tubes for rack R-12 Analyst For working volumes up to 120 mL, residual volume 3.0 mL	046014
Set of 12 glass tubes for rack R-12 Analyst For working volumes up to 120 mL, residual volume 1.0 mL	046015
Set of 12 glass tubes for rack R-12 Analyst For working volumes up to 120 mL, residual volume 0.3 mL	046016
Set of 12 graduated glass tubes for rack R-12 Analyst For working volumes up to 120 mL, residual volume 3.0 mL	046070
Set of 12 graduated glass tubes for rack R-12 Analyst For working volumes up to 120 mL, residual volume 1.0 mL	046071
Set of 12 graduated glass tubes for rack R-12 Analyst For working volumes up to 120 mL, residual volume 0.3 mL	46072
Set of 12 glass tubes GL45 for rack R-12 Analyst For working volumes up to 100 mL, residual volume 0.3 mL	11056499
Set of 12 glass tubes GL45 for rack R-12 Analyst For working volumes up to 100 mL, residual volume 1.0 mL	11056498
Set of 12 amber glass tubes GL45 for rack R-12 Analyst For working volumes up to 100 mL, residual volume 0.3 mL	11056911
Set of 12 amber glass tubes GL45 for rack R-12 Analyst For working volumes up to 100 mL, residual volume 1.0 mL	11056910

Sample holders	Order number
Sample holder format R-4 Used for preparation of the tubes	040075
Sample holder format R-6 Used for preparation of the tubes	040076
Sample holder format R-12 Used for preparation of the tubes	040077

Lids	Order number
Lids for R-6 tubes Set of 6 PTFE lids	048689
Lids for R-12 tubes Set of 12 PE lids	048690

Condensers	Order number
Condenser type S Including a 1 L evaporating flask	037690
Condenser type S Including a 2 L evaporating flask	040146
Condenser type C Including a 1 L evaporating flask	038371
Condenser type C Including a 2 L evaporating flask	040147

Racks	Order number
Crystal analyst rack R-4 For working volumes up to 500 mL	047794
Crystal analyst rack R-6 For working volumes up to 250 mL	047777
Polyvap rack R-12 For working volumes up to 250 mL	046000
Analyst rack R-24	038188
Analyst rack R-24, for PSE tubes For SpeedExtractor	042660
Analyst rack R-48	042855
Analyst rack R-96	038277

Vacuum covers	Order number
Vacuum cover R-4 Heatable, with individual sample connection, for all rack formats R-4	038245
Vacuum cover R-6 Heatable, with individual sample connection, for all rack formats R-6	038246
Vacuum cover R-12 Heatable, with individual sample connection, for all rack formats R-12	040910
Vacuum cover R-24 Heatable, with individual sample connection, for all rack formats R-24	040920
Vacuum cover R-48 Heatable, with individual sample connection, for all rack formats R-48	042850
Vacuum cover R-96 Heatable, with individual sample connection, for all rack formats R-96	040930

Flushback modules

Order number

Flushback module R-6

048654

For higher recovery rates in combination with rack R-6 Analyst

Flushback module R-12

046036

For higher recovery rates in combination with rack R-12 Analyst

High-temp. kits

Order number

High-temperature kit for rack R-12 / R-24

041922

Including insulation for vacuum cover and tubes

High-temperature kit for rack R-48 / R-96

041923

Including insulation for vacuum cover and tubes