KNAUER

KNAUER Column ordering system

What´s behind the column order numbers?

Order number examples

250 x 4 mm column (without precolumn) Eurospher 100-5 C18	25	D	E	18	1	ES	J
150 x 4.6 mm column (with integrated precolumn) Eurospher II 100-3 C18A	15	V	E	18	4	E2	G
300 x 8 mm column Eurokat H, 10µm	30	G	X	34	0	EK	N
10 g Packing material Eurospher II 100-5 C18P	00	B	18	18	2	E2	J

1&2		3		4		5&6		7		8&9		10	
Column length		**Inner diameter**		**Pore size**		**Particle shape and modification**		**Special characteristics**		**Brand name of packing material**		**Particle size**	
				[Å]			**spherical**					[µm]	
4 mm	**P4**	2 mm	**B**	30	**A**	not modified (Si)	**00**	no	**0**	Eurosil		2	**F**
5 mm	**P6**	3 mm	**C**	50	**B**	C1	**01**	endcapped	**1**	Bioselect [1]	**EB**	3	**G**
30 mm	**03**	4 (4.1) mm	**D**	60	**C**	C2	**02**	polymer bonding	**2**	Eurokat [1]	**EK**	5	**J**
50 mm	**05**	4.6 mm	**E**	80	**D**	C3	**03**	acid stable hydrophilic endc.	**3**	Eurospher [1]	**ES**	7	**L**
100 mm	**10**	8 (7.5) mm	**G**	100	**E**	C4	**04**	hydrophilic endc.	**4**	Eurospher II [1]	**E2**	8	**M**
125 mm	**12**	16 mm	**I**	120	**F**	Phenyl (P, C_6H_5)	**05**	hydrophobic endc.	**5**	Hamilton [2]	**HM**	10	**N**
150 mm	**15**	20 mm	**J**	150	**G**	PFP	**05(7)**	acid stable	**6**	LiChrosorb [1]	**LB**	12	**O**
250 mm	**25**	30 mm	**M**	180	**I**	C6	**06**	base stable	**7**	LiChrospher [1]	**LS**	15	**Q**
300 mm	**30**	1/8" 50mm	**O**	200	**H**	C8	**08**	hydro polar	**8**	Nucleosil [1]	**NS**	20	**S**
		1/16" 50mm	**S**	250	**J**	Chiral	**10**	no endcapping	**9**	ProntoSIL [1]	**PS**	12-25	**S**
		dAX 25 mm	**T**	300	**K**	Chiral NR	**11**	polar embedded phase	**A**	P. Hypersorb [1]	**PY**	30	**T**
		dAX 30 mm	**U**	350	**N**	HILIC	**12**	Cat-Phil	**C**	P.Spheribond [1]	**SB**	40	**Z**
		dAX 50 mm	**Z**	400	**T**	Cat-Ex	**14**	DMAc-Phil	**D**	AppliChrom		50	**U**
				450	**4**	An-Ex	**15**	S	**G**	ABOA [2]	**AB**	60	**V**
		With integrated precolumn		500	**L**	Phenyl-Hexyl	**16**	Q	**H**	Sepapure [3]	**SP**	20-45	**X**
		3 mm	**X**	600	**6**	C18 (ODS, RP18)	**18**	DMSO-Phil	**M**			25-56	**X**
		4 mm	**W**	750	**S**	NH_2	**19**	personalized solvent	**P**			40-63	**Y**
		4.6 mm	**V**	1000	**M**	CN	**20**	Glutathione	**P**			250 +/-25	**B**
				1500	**U**	Na	**21**	CM	**Q**	*[1] Silica*		380 +/-30	**C**
Packing material		**Weight**		4000	**O**	C30	**30**	SP	**R**	*[2] Polymer*		n/a	**Z**
	00	10 g	**B**	10000	**P**	NO_2	**31**	Reversed Phase	**R**	*[3] Agarose*			
		100 g	**C**	100000	**Q**	Amylose CSP	**32**	Dextra 75	**S**				
		500 g	**D**	1000000	**R**	$N(Me)_2$	**33**	trifunctional	**T**				
		1000g	**E**	not defined	**X**	H	**34**	Dextra 200	**T**				
				mixed S	**Z**	Pb	**35**	Protein A	**U**				
		Resin		mixed M	**W**	Ca	**36**	Protein G	**V**				
		5 ml	**G**	mixed L	**Y**	Cellulose CSP	**37**						
		10 ml	**H**	mixed XL	**V**	Ag	**38**	**Resin**					
		50 ml	**J**			Diol	**41**	Ni-NTA	**F**				
		100 ml	**K**			Enviro PAH	**42**	Q	**H**				
		500 ml	**P**			Enviro Pesticides	**43**	DEAE	**I**				
						Enviro Phenol	**44**	Gluthathione	**P**				
						Enviro PTL	**45**	CM	**Q**				
						SEC	**46**	SP	**R**				
						GPC	**47**	Protein A	**U**				
						DNPH	**49**	Protein G	**V**				

The KNAUER order numbers consist of 10 positions (digits). Positions 1 to 3 describe the dimensions of the column hardware (or when ordering bulk material, the amount of sorbent). Positions 4 through 10 describe the properties of the packing material.

Note that not every combination implied by this ordering system will result in a valid column.

Check availability on www.knauer.net/columns

Need support? +49 30 809727-111 or support@knauer.net