

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	E	18	2	E2	J

KNAUER Column Ordering System

Position	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	P5**	3 mm	C	50	B C1	01	endcapped	1	Bioselect ¹	3	G
	30 mm	03	4 (4.1) mm	D	60	C C2	02	polymer bonding	2	Eurokat ²	5	J
	50 mm	05	4.6 mm	E	80	D C3	03	acid stable hydrophilic endc.	3	Eurospher ¹	7	L
	100 mm	10	8 (7.5) mm	G	100	E C4	04	hydrophilic endc.	4	Eurospher II ¹	10	N
	125 mm	12	16 mm	I	120	F Phenyl (P, C6H5)	05	hydrophobic endc.	5	Europrep ¹	15	Q
	150 mm	15	20 mm	J	150	G PFP	05(7)	acid stable	6	Europrep II ¹	20	S
	250 mm	25	30 mm	M	180	I C6	06	base stable	7	Hamilton ²	12-25	S
	300 mm	30	50 mm	O	200	H C8	08	hydro polar	8	LiChrosorb ¹	30	T
			dAX 25 mm	T	250	J Chiral	10	no endcapping	9	LiChrospher ¹	40	Z
			dAX 30 mm	U	300	K HILIC	12	polar embedded phase	A	Nucleosil ¹	50	U
			dAX 50 mm	Z	350	N PAL-HILIC	13	personalized solvent	P	ProntoSIL ¹	60	V
					400	T Cat-Ex	14	trifunctional	T	P. Hypersorb ¹	20-45	X
					450	4 An-Ex	15	Glutathione	P	P.Spheribond ¹	25-56	X
					500	L Phenyl-Hexyl	16	CM	Q	AppliChrom	40-63	Y
					600	6 C18 (ODS, RP18)	18	SP	R	ABOA ²	250 +/-25	B
					750	S NH ₂	19	Dextra 75	S	Sepapure ³	380 +/-30	C
					1000	M CN	20	Dextra 200	T		n/a	Z
					1500	U Na	21	Protein A	U			
					4000	O C30	30	Protein G	V			
					10000	P NO2	31	S	G			
					100000	Q N(Me)2	33	Q	H			
					1000000	R Diol	41	DMAc-Phil	D			
			with integrated precolumn		not defined	X H	34	DMSO-Phil	M			
					mixed S	Z Pb	35	Cat-Phil	C	¹ Silica		
					mixed M	W Ca	36			² Polymer		
					mixed L	Y Ag	38			³ Agarose		
					mixed XL	V SEC	46					
						GPC	47					
						Enviro PAH	42					
						Enviro Pesticides	43					
						Enviro Phenol	44					
						Enviro PTL	45					
						DNPH	49					
						10g	B					
						100g	C					
						1000g	D					

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