

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, 10 µm.....	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
5 ml cartridge	02	4 (4.1) mm	D	60	C	C2	02	Polymer bonding	2	Eurokat ¹	EK	5	J
30 mm	03	4.6 mm	E	80	D	C3	03	Acid stable hydrophilic endc.	3	Eurospher ¹	ES	7	L
5 ml cartridge, 5 pieces	04	8 (7.5) mm	G	100	E	C4	04	Hydrophilic endc.	4	Eurospher II ¹	E2	8	M
50 mm	05	16 mm	I	120	F	Phenyl (P, C ₆ H ₅)	05	Hydrophobic endc.	5	Hamilton ²	HM	10	N
100 mm	10	20 mm	J	150	G	PFP	05(7)	Acid stable	6	ProntoSIL ¹	PS	12	O
125 mm	12	30 mm	M	180	I	C6	06	Base stable	7	P. Hypersorb ¹	PY	15	Q
150 mm	15	1/8" 50mm	O	200	H	C8	08	Hydro polar	8	P.Spheribond ¹	SB	20	S
250 mm	25	1/16" 50mm	S	250	J	Chiral	10	No endcapping	9	AppliChrom		12-25	S
300 mm	30	dAX 25 mm	T	300	K	Chiral NR	11	Polar embedded phase	A	ABOA ²	AB	30	T
		dAX 30 mm	U	350	N	HILIC	12	Cat-Phil	C	Sepapure ³	SP	40	Z
		dAX 50 mm	Z	400	T	Cat-Ex	14	DMAc-Phil	D			50	U
				450	4	An-Ex	15	S	G			60	V
		With integrated precolumn		500	L	Phenyl-Hexyl	16	Q	H			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	1 000	M	CN	20	Glutathione	P			250 +/-25	B
				1 500	U	Na	21	CM	Q	¹ Silica		380 +/-30	C
Packing material	Weight			4 000	O	C30	30	SP	R	² Polymer		n/a	Z
	00	10 g	B	10 000	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				
				mixed M	W	Ca	36	Protein G	V				
		Resin		mixed L	Y	Cellulose CSP	37	Resin					
		5 ml	G	mixed XL	V	Ag	38	Ni-NTA	F				
		10 ml	H			Diol	41	Q	H				
		50 ml	J			Enviro PAH	42	DEAE	I				
		100 ml	K			Enviro Pesticides	43	Glutathione	P				
		500 ml	P			Enviro Phenol	44	CM	Q				
						Enviro PTL	45	SP	R				
						SEC	46	Protein A	U				
						GPC	47	Protein G	V				
						DNPH	49						

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

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