

KNAUER Column Ordering System

Order number example:

2 5 D E 1 8 1 E S J

250x4 mm column (without precolumn) Eurospher 100, C18, 5 µm, spherical, endcapped

Position	1	2	3	4	5	7	8	9	10
	Column length		Inner diameter	Pore size	Particle shape and modification		Special characteristics	Brand name of packing material	
KNAUER Column Ordering System	P5*	5 mm	A 1 mm	A 30 Å	00 spherical	50 irregular not modified	0 none	BS Bluespher	E 1.8 µm
	03	30 mm	B 2 mm	B 50	01	51 C1	1 endcapped	BO BlueOrchid	F 2 µm
	05	50 mm	C 3 mm	C 60	02	52 C2	2 polymer-bonding	CE CarbEx	G 3 µm
	10	100 mm	D 4(4.1) mm	D 80	03	53 C3	3 acid stable	E2 Eurospher II	H 3.5 µm
	11	120 mm	E 4.6 mm	E 100	04	54 C4	4 h-philic endc.	EB Eurosil Bioselect	I 4 µm
	12	125 mm	G 8(7.5) mm	F 120	05	55 Phenyl(P,C ₆ H ₅)	5 h-philic endc.	EC Eurocel	J 5 µm
	15	150 mm	H 10 mm	G 150	06	56 C6	6 acid stable	EK Eurokat	L 7 µm
	20	200 mm	I 16 mm	H 200	08	58 C8	7 base stable	ES Eurospher	M 8 µm
	25	250 mm	J 20 mm	K 300	10	60 chiral	8 extended selectivity	HM Hamilton	N 10 µm
	30	300 mm	K 32 mm	L 500	14	64 cation exchanger	9 no end-capping	KS Kromasil	O 12 µm
	* Replacement for integrated precolumn		L 40 mm	M 1 000	15	65 anion exchanger	A polar embedded phase	LB LiChrosorb	P 13 µm
			O 62 mm	O 4 000	18	68 C18(ODS,RP18)		LS LiChrospher	Q 15 µm
			3	P 10 000	19	69 NH ₂		NS Nucleosil	R 16 µm
			With integrated precolumn	Q 100 000	20	70 CN		PA Partisil	S 20 µm
				R 1 000 000	30	80 C30		PL PLgel / PL Aquagel-OH	T 30 µm
				X not defined	31	81 NO ₂		PS ProntoSIL	U 50 µm
					33	83 N(Me) ₂		PY ProntoSIL Hypersorb	V 60 µm
			Y 2 mm		34	84 H		SB ProntoSIL Spheribond	X 25-40 µm
			X 3 mm		35	85 Pb		SI Sphere-Image	Y 40-63 µm
			W 4 mm		36	86 Ca		SS Supersphere	
		V 4.6 mm		38	88 Ag		TE Techsphere		
				37	87 CDMPC		ZX Zorbax		
				41	91 Diol				
				42	spec. PAH				
				43	spec. pesticides				
				44	spec. phenols				
				45	spec. petroleum				
				46	aqueous SEC				
				47	organic GPC				
1	2	3							
Bulk material		Weight							
00		A	1 g						
		B	10 g						
		C	100 g						
		D	1 000 g						

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.

Need help? No problem! Phone: +49-(0)30-8097 27-0

E-Mail: info@knauer.net