

KNAUER Column Ordering System

Sample order number:

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 | 6 | 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 | 50 spherical | 0 none | CE CarbEx | G | 3 µm |
| | 03 | 30 mm | B 2 mm | B 50 Å | 01 | 51 irregular | 1 endcapped | EB Eurosil Bioselect | H | 3.5 µm |
| | 05 | 50 mm | C 3 mm | C 60 Å | 02 | 52 not modified | 2 polymer-bonding | EC Eurocel | I | 4 µm |
| | 06 | 60 mm | D 4(4.1) mm | D 80 Å | 03 | 53 C3 | 3 acid stable | EK Eurokat | J | 5 µm |
| | 10 | 100 mm | E 4.6 mm | E 100 Å | 04 | 54 C4 | 4 h-philic endc. | ES Eurospher | L | 7 µm |
| | 11 | 120 mm | G 8(7.5) mm | F 120 Å | 05 | 55 Phenyl(P,C ₆ H ₅) | 5 h-philic endc. | HM Hamilton | M | 8 µm |
| | 12 | 125 mm | H 10 mm | G 150 Å | 06 | 56 C6 | 6 acid stable | HP Hipak | N | 10 µm |
| | 15 | 150 mm | I 16 mm | H 200 Å | 08 | 58 C8 | 7 base stable | IE IonEx CAT | O | 12 µm |
| | 20 | 200 mm | J 20 mm | K 300 Å | 10 | 60 chiral | 8 extended selectivity | KS Kromasil | P | 13 µm |
| | 25 | 250 mm | K 32 mm | L 500 Å | 14 | 64 cation exchanger | 9 no end-capping | LB LiChrosorb | Q | 15 µm |
| | 30 | 300 mm | L 40 mm | M 1,000 Å | 15 | 65 anion exchanger | A polar embedded phase | LS LiChrospher | R | 16 µm |
| | * Replacement for integrated precolumn | | | O 62 mm | O 4,000 Å | 18 | 68 C18(ODS,RP18) | NS Nucleosil | S | 20 µm |
| | | | | P 10,000 Å | P 10,000 Å | 19 | 69 NH ₂ | PA Partisil | T | 30 µm |
| | | | | Q 100,000 Å | Q 100,000 Å | 20 | 70 CN | PL PLgel / PL Aquagel-OH | U | 50 µm |
| | | | | R 1,000,000 Å | R 1,000,000 Å | 30 | 80 C30 | PS ProntoSIL | V | 60 µm |
| | | | | X not defined | X not defined | 31 | 81 NO ₂ | PY ProntoSIL Hypersorb | X | 25-40 µm |
| | | | 3 | | 33 | 83 N(Me) ₂ | SB ProntoSIL Spheribond | Y | 40-63 µm | |
| | | | With Integrated Precolumn | | 34 | 84 H | PE PolyEncap | | | |
| | | | Y 2 mm | | 35 | 85 Pb | SI Sphere-Image | | | |
| | | | X 3 mm | | 36 | 86 Ca | SS Supersphere | | | |
| | | | W 4 mm | | 38 | 88 Ag | TE Techsphere | | | |
| | | | V 4.6 mm | | 37 | 87 CDMPC | ZX Zorbax | | | |
| | | | 3 | | 41 | 91 Diol | | | | |
| | | | 3 | | 42 | spec. PAH | | | | |
| | | | 3 | | 43 | spec. pesticides | | | | |
| | | | 3 | | 44 | spec. phenols | | | | |
| | | | 3 | | 45 | spec. petroleum | | | | |
| | | | 3 | | 46 | aqueous SEC | | | | |
| | | | 3 | | 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! Contact us (see contact info at the bottom of this fold-out)

Ordering a KNAUER column...

The **KNAUER Column Ordering System** shown above is an overview of our 10 position order number system. All important column properties are identifiable with this ordering system:

Positions 1–3 represent the column hardware dimensions

Positions 4–10 represent the properties of the packing material

To find the order number for your column, use the **KNAUER ChromGuide** to find the stationary phase which best suits your application.

Wie Sie eine KNAUER-Säule bestellen...

Das obige **KNAUER Säulenbestellsystem** gibt eine Übersicht unserer 10-stelligen Bestellnummern für HPLC-Säulen. Alle wichtigen Säuleneigenschaften sind über die Bestellnummer identifizierbar:

Positionen 1–3 beschreiben die Abmessungen der Säulenhardware

Positionen 4–10 beschreiben die Eigenschaften des Füllmaterials

Um die Bestellnummer für Ihre Säule zu ermitteln, finden Sie im **KNAUER ChromGuide** zunächst die für Sie passende stationäre Phase.

STEP 1 Find the seven digit **Packing Code** corresponding to your desired stationary phase.

| Packing Code | Packing | Phase | Particle Size |
|--------------------|-------------------|-------|---------------|
| ... E181ESJ | Eurospher 100 C18 | C18 | 5 µm |
| ... E181ESL | Eurospher 100 C18 | C18 | 7 µm |
| ... E181ESN | Eurospher 100 C18 | C18 | 10 µm |

SCHRITT 1 Notieren Sie den siebenstelligen „**Packing Code**“ der stationären Phase Ihrer Wahl.

STEP 2 Add the three digit prefix corresponding to your desired **column dimensions** or **weight of bulk material**. To add an **integrated precolumn**, select the correct code corresponding to your column's inner diameter.

| 1 | 2 | 3 | 4 |
|---------------|-------|----------------|-----------|
| Column Length | | Inner Diameter | Pore Size |
| P 5* | 5 mm | A 1 mm | A |
| 03 | 30 mm | B 2 mm | B |

SCHRITT 2 Stellen Sie dem „Packing Code“ das dreistellige Präfix für **Säulenmaße** bzw. **Menge des Bulk-Materials** voran. Für Säulen mit **integrierter Vorsäule** wählen Sie Ihren Code entsprechend dem gewünschten Innendurchmesser ebenfalls in „Position“ drei.

For example...

Eurospher 100, C18, 5 µm, 250x4 mm: **25DE181ESJ**

with integrated precolumn: **25WE181ESJ**

10g of bulk material: **00BE181ESJ**

| | | |
|-----------|---------------------------|----------|
| precolumn | 3 | Q 100 |
| | With Integrated Precolumn | R 1,000 |
| | | X not de |
| | Y 2 mm | |
| | X 3 mm | |
| | W 4 mm | |
| | V 4.6 mm | |

Zum Beispiel...

Eurospher 100, C18, 5 µm, 250x4 mm: **25DE181ESJ**

mit integrierter Vorsäule: **25WE181ESJ**

10g Bulk-Material: **00BE181ESJ**

For more information on how to choose a column for your application, contact us or download our free **KNAUER Applications Journal** from our website www.knauer.net.

Für weitere Informationen zur Wahl der richtigen Säule, nehmen Sie bitte mit uns Kontakt auf oder laden Sie unser kostenloses **KNAUER Applications Journal** von www.knauer.net herunter.

Ordering other items...

All of the other items in the **KNAUER ChromGuide** can be ordered from us using the **Part Number** listed.

Contact us

Call us, drop us a line or visit our website to find your local authorized distributor:
www.knauer.net/worldwide

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Andere Artikel bestellen...

Alle anderen Artikel im **KNAUER ChromGuide** können Sie ganz einfach über die jeweils aufgeführten **Artikelnummern** bestellen.

Kontaktieren Sie uns

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