

Date:
21/03/2016

Overview Ordering Information

Author:
Dr. Daniel Eßer

Chiral Selector

YMC Chiral Column	Chiral Selector	Order Code 3 µm	Order Code 5 µm
CHIRAL ART Amylose-C	Amylose tris (3,5-dimethylphenylcarbamate)	KAN99S03-	KAN99S05-
CHIRAL ART Cellulose-C	Cellulose tris (3,5-dimethylphenylcarbamate)	KCN99S03-	KCN99S05-
CHIRAL ART Amylose-SA	Amylose tris (3,5-dimethylphenylcarbamate)	KSA99S03-	KSA99S05-
CHIRAL ART Cellulose-SB	Cellulose tris (3,5-dimethylphenylcarbamate)	KSB99S03-	KSB99S05-
CHIRAL ART Cellulose-SC	Cellulose tris (3,5-dichlorophenylcarbamate)	KSC99S03-	KSC99S05-
CHIRAL ART Amylose-SE	Amylose tris (3,5-dichlorophenylcarbamate)	KSE99S03-*	KSE99S05-*

*5 µm scheduled for Q2 2016, 3 µm scheduled for Q4 2016

Analytical Column Dimensions

Dimension	HPLC Columns	SFC Compatible Columns	SFC Dedicated Columns (Alcyon)*
50 x 2.0 mm	-0502WT	-0502WT	—
50 x 3.0 mm	-0503WT	-0503WT	—
50 x 4.6 mm	-0546WT	-0546WT	—
100 x 2.0 mm	-1002WT	-1002WT	—
100 x 3.0 mm	-1003WT	-1003WT	—
100 x 4.6 mm	-1046WT	-1046WT	—
150 x 2.0 mm/2.1 mm	-1502WT	-1502WT	-15Q1WTS
150 x 3.0 mm	-1503WT	-1503WT	—
150 x 4.6 mm	-1546WT	-1546WT	-1546WTS
250 x 2.0 mm	-2502WT	-2502WT	—
250 x 4.6 mm	-2546WT	-2546WT	-2546WTS

Pressure Limits

	bar	MPa	psi
LC Columns	300 bar	30 MPa	4,350 psi
SFC Compatible Columns	300 bar	30 MPa	4,350 psi
SFC Dedicated Columns*	300 bar	30 MPa	4,350 psi

*tested under SFC conditions

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(Semi) Preparative Column Availability

Dimension	LC Columns (YMC-Actus**)	SFC Compatible Columns (YMC-Actus**)	SFC Dedicated Columns (Alcyon)*
100 x 50 mm	-1053DX	-1053DX	—
150 x 10 mm	-1510WT	—	—
150 x 20 mm	-1520WX	-1520WX	—
150 x 30 mm	-1530WX	-1530WX	—
150 x 50 mm	-1553DX	-1553DX	—
250 x 10 mm	-2510WT	—	-2510WTS
250 x 20 mm	-2520WX	-2520WX	-2520WTS
250 x 30 mm	-2530WX	-2530WX	—
250 x 50 mm	-2553DX	-2553DX	—

**for 20/30/50 mm ID

Pressure Limits

	bar	MPa	psi
LC Columns (10-30 mm ID)	300 bar	30 MPa	4,350 psi
LC Columns (50 mm ID)	200 bar	20 MPa	2,980 psi
SFC Compatible Columns (10-30 mm ID)	300 bar	30 MPa	4,350 psi
SFC Compatible Columns (50 mm ID)	200 bar	20 MPa	2,980 psi
SFC Dedicated Columns*	200 bar	20 MPa	2,980 psi

*tested under SFC conditions

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