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High-Pressure Technology

Questionnaire for multipurpose supercritical extraction pilot unit (solids/liquids)

Please save the form locally, fill it in and send it to sales@sitec-hp.ch.

Contact details:

Title/gender:*	
First name:*	
Last name:*	
Company/department:*	
Street:*	
Number:*	
Zip code:*	
Town/city:*	
Country:*	
E-mail:*	
Reference:	

* Mandatory fields

Technical specifications:

Operating pressure max.:		**300 bar**	500 bar	700 bar
CO2 flow capacity:		☐ 1.5–10 l/h	☐ 1.5–10 l/h	☐ 1.5–10 l/h
		☐ **2.7–18 l/h**	☐ 2.7–18 l/h	☐ 2.7–18 l/h
		☐ 4.5–30 l/h	☐ 4.5–30 l/h	☐ 4.5–30 l/h
		☐ 7.5–50 l/h	☐ 7.5–50 l/h	
		☐ 15–100 l/h		
		Remarks:		
Operating temperature max.:	☐ **80°C**	☐ 120°C	☐ 150°C	☐ 200°C
	Remarks:			
Supercritical solvent:	☐ **Carbon dioxide (CO2)**		others:	
Extractor capacity:	☐ **1 litre extractor with 600 ml basket insert**			
	☐ 2 litre extractor with 1.2 litre basket insert			
	☐ 4 litre extractor with 2.4 litre basket insert			
	☐ 6 litre extractor with 3.9. litre basket insert			
	☐ 10 litre extractor with 7 litre basket insert			
	☐ 20 litre extractor with 14 litre basket insert			
	Remarks:			
Number of extractors:	☐ **1**	☐ 2	☐ 3	☐ 4
Internal diameter of extraction column:	☐ **Ø 38 mm**	☐ Ø 50 mm	☐ Ø 65 mm	☐ Ø 90 mm
	Remarks:			

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Extraction column length:	☐ **2 m**	☐ 3 m	☐ 4m	☐ 5 m
	Remarks:			
Flow capacity for liquid raw material:	☐ **2 l/h**	☐ 4 l/h	☐ 10 l/h	☐ 18 l/h
	Remarks:			

Options:

☐ Mass flowmeter for:	☐ Carbon dioxide (recommended)		
	☐ Liquid raw material		
	☐ Modifier		
☐ Intermediate separation system(s)	☐ 1	☐ 2	☐ 3
☐ Modifier system	☐ **2 l/h**	☐ 4 l/h	☐ 10 l/h
☐ Data acquisition system for PC			
☐ PLC controls with integrated batch documentation			
☐ Continuous time-controlled discharging of extract			
☐ Preparation for RETROFIT of:	☐ Extractor	☐ Column	☐ Separator