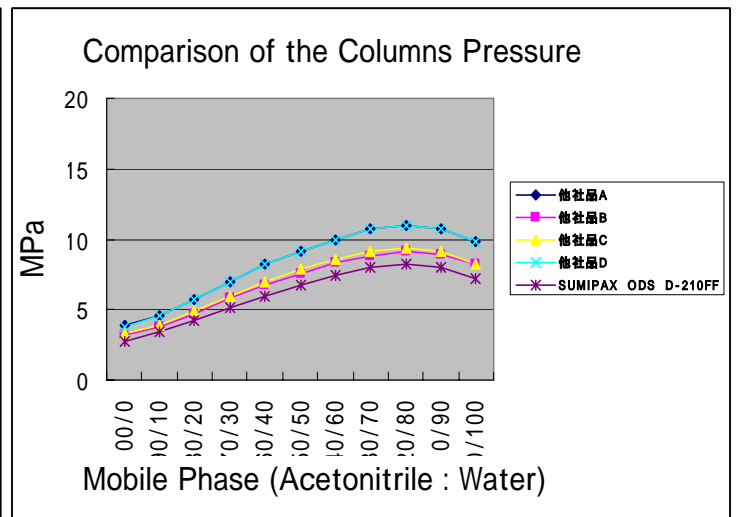
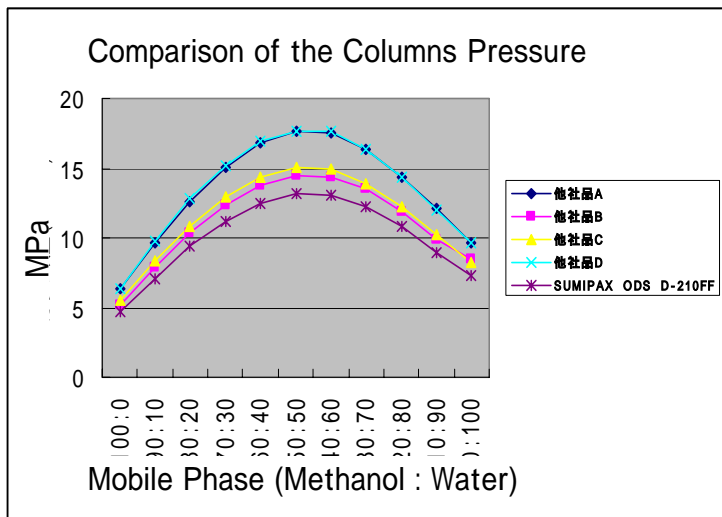


## 3μm Particle Size Super Low Pressure Column SUMIPAX ODS D-210SLP Series

### The highest level Low Pressure Column in this Field

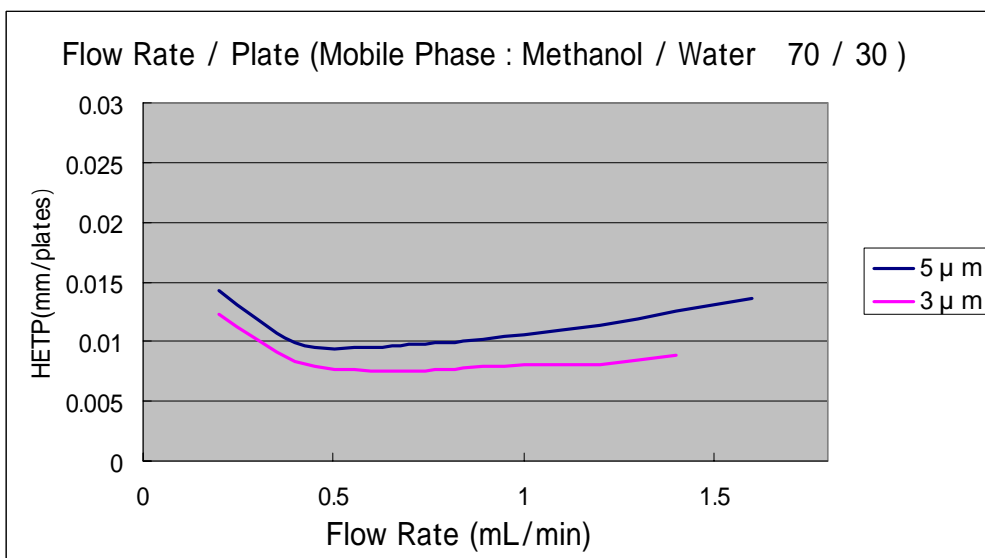
Cut the too minute packing material and improvement the method to pack columns provide the highest level Low Pressure Column.

Possible to change 5μm column to 3μm column D-210SLP in same conditions even if the Mobile Phase contains Methanol.



### Correspondence to High-Through-Put

SUMIPUX ODS-D-210SLP can maintain the large number of theoretical plates of the Columns whether the Flow-Rate increases.



### Conditions :

SUMIPAX ODS D-210SLP  
(3 μm, 4.6mm × 150mm)

SUMIPAX ODS D-217  
(5 μm, 4.6mm × 150mm)

Mobile Phase :

Methanol / Water 70/30

Column Temperature : 25

Test Piece : Naphthalene

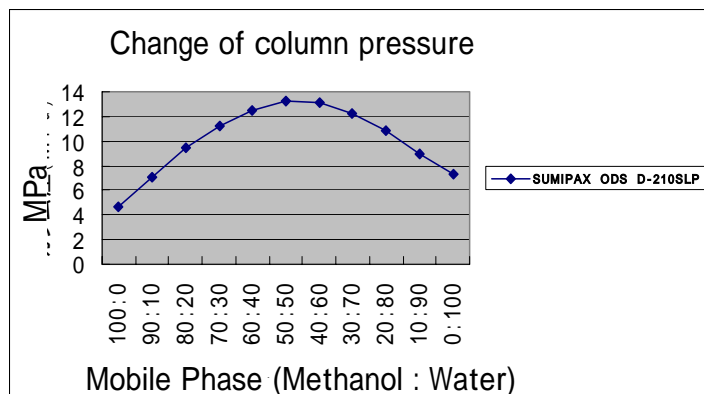
Injection : 1 μL

## Good durability

In such severe and uneven pressure conditions of gradient Methanol and water, SUMIPAX ODS-D-210SLP tested 400 times injection but the theoretical plates of the columns are almost same as first injection.

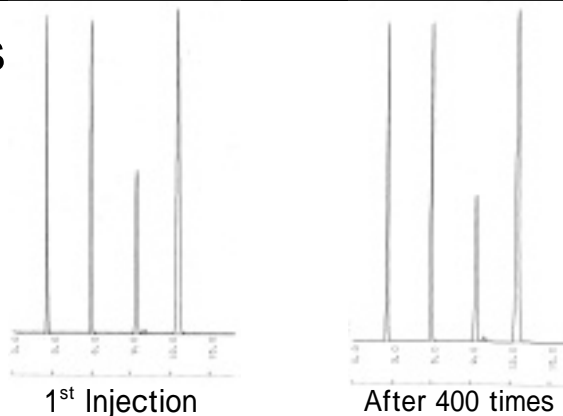
### Conditions :

SUMIPAX ODS D-210SLP  
 (3 μm, 4.6mm × 150mm)  
 Mobile Phase: A: Methanol  
                   B: Water  
                   B 0 100% (0 20min)  
 Flow Rate: 0.7 mL / min  
 Detection: UV 254 nm  
 Column Temperature: 25



### Conditions of durability tests

SUMIPAX ODS D-210SLP  
 (3 μm, 4.6mm × 150mm)  
 Mobile Phase: Methanol / Water 70/30  
 Flow Rate: 0.7 mL / min  
 Test Piece: Uracil, Benzoic acid Methyl  
                   Toluene, Naphthalene  
 Injection: 1 μL



## SUMIPAX ODS D-210SLP Series

Particle Size (μm)	Name SUMIPAX ODS	I.D. (mm)	Length (mm)	Part No.
3	D-210SLP	4.6	250	AD210S4625W
		4.6	150	AD210S 4615W
		4.6	100	AD210S 4610W
		4.6	50	AD210S 4605W
		2.0	150	AD210S2015W
		2.0	50	AD210S2005W
		Other Size		

For more information, Contact S.A.S.

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