

HPLC Columns for Preparative Separation

YMC-Actus series

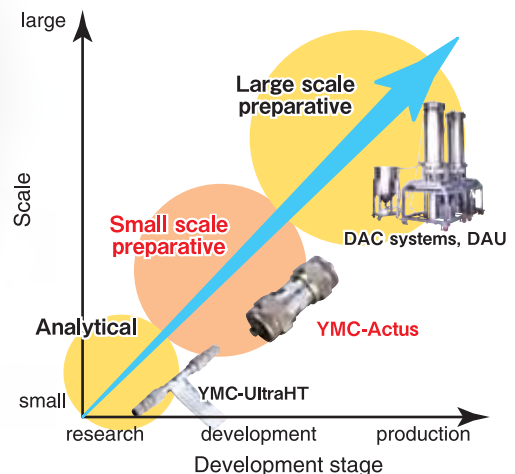
YMC-Actus series HPLC columns offer outstanding durability under high throughput conditions. Desirable columns for milligram scale preparative HPLC in R&D, etc.

Features

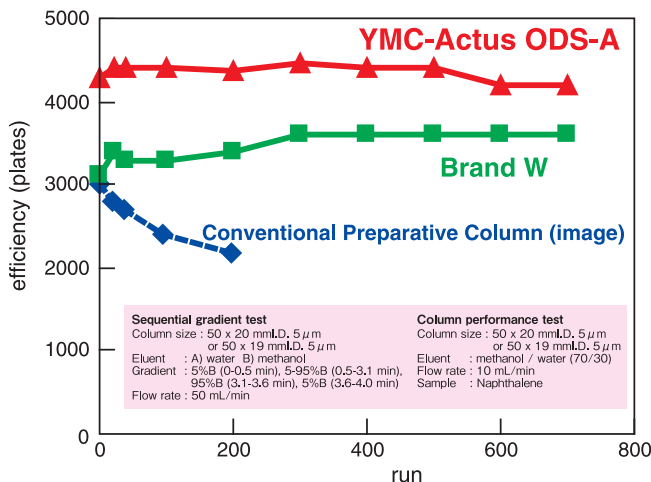
- Outstanding durability by adaptation of DAC column mechanism.
- Long column lifetime.
- Desirable for Laboratory-scale isolation and purification.
- Excellent resolution
- High throughput



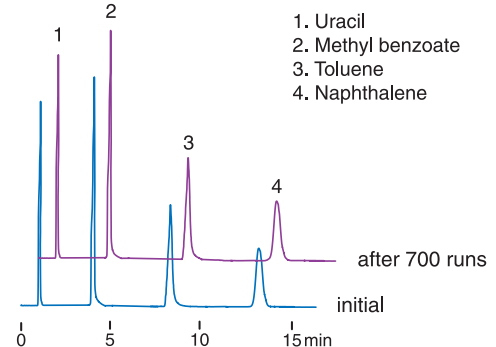
Scalability



Comparison of Performance



Chromatograms of YMC-Actus ODS-A



Accelerated stability test results are shown above. The column performance test was run after every 100 runs of the sequential gradient test.

YMC-Actus offers superior plate counts and resolution compared to other brands. Further more, its consistency maintains its excellent performance after a long series of high throughput, ballistic gradient runs. The excellent resolution and durability of the YMC-Actus is available because of the united technology brought by our long years of experience in the field of DAC columns for Preparative Isolation and Purification and YMC's unique packing method.

Types and characteristics of packing materials for YMC-Actus series

Packing material		Particle size (μm)	Pore size (Å)	C%	Silanol treatment	Usable pH range	Characteristics
Pro series ODS	Pro C18	5	120	16	Yes	2.0~8.0	<ul style="list-style-type: none"> Processed with YMC Co., Ltd.'s advanced endcapping technology Superior separation of basic compounds
	Hydrosphere C18	5	120	12	Yes	2.0~8.0	<ul style="list-style-type: none"> Superior separation of hydrophilic compounds Can be used with 100% water mobile phase
	Pro C18 RS	5	80	22	Yes	1.0~10.0	<ul style="list-style-type: none"> Highly durable ODS Superior separation of basic compounds
YMC-Pack ODS series	ODS-A	5	120	17	Yes	2.0~7.5	<ul style="list-style-type: none"> Currently in use worldwide
	ODS-AQ	5	120	14	Yes	2.0~7.5	<ul style="list-style-type: none"> Superior separation of hydrophilic compounds
Other than ODS	Pro C8	5	120	10	Yes	2.0~7.5	<ul style="list-style-type: none"> Processed with advanced endcapping technology Superior separation of basic compounds

Ordering Information

Packing material	Particle size (μm)	Pore size (Å)	Column size I.D. X length(mm)	Product number
Pro C18	5	120	20 X 50	AS12S05-0520WX
Hydrosphere C18	5	120	20 X 50	HS12S05-0520WX
Pro C18 RS	5	80	20 X 50	RS08S05-0520WX
ODS-A	5	120	20 X 50	AA12S05-0520WX
ODS-AQ	5	120	20 X 50	AQ12S05-0520WX
Pro C8	5	120	20 X 50	OS12S05-0520WX

Please contact us for packing materials and sizes other than those listed above.



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