

# Glass Columns

## Eco Plus columns (glass columns with quick lock)

The Eco Plus columns are multi-purpose glass columns provided by YMC for laboratory scale chromatographic separations. The adjustable length plungers with a Quick-Lock connection system allow fast and easy packing of the column. There are two types, one for water (AB type) and the other for organic solvent (SR type). The pressure limit is 30-80 bar, depending on the inner diameter.



### Specifications

AB Type	
Internal diameter of the column (mm)	5-50
Length of the column (mm)	• 125
	• 250
	• 500
Frit material	Polyethylene
Frit size	5µm or 10µm

SR Type	
Internal diameter of the column (mm)	5-50
Length of the column (mm)	• 125
	• 250
	• 500
Frit material	5µ-15µ porous glass
	25µ-50µ Stainless Steel
Frit size	2µm or 10µm

## Bio Cart cartridge columns (high-pressure resistant glass columns)

Bio Cart columns are multi-purpose glass cartridge columns in aluminium holders provided by YMC. They are designed for laboratory scale medium and high pressure liquid chromatography applications. The quick connection system allows to changing the cartridge easily and without the need to unpack the cartridge. There are two types which are for water (AB type) or organic solvent (SR type) respectively. Pressure resistance: 30-90 bar depending on the inner diameter.

### Specifications

AB Type	
Internal diameter of the column (mm)	5-50
Length of the column (mm)	0-500
Frit material	Polyethylene
Frit size	5µm or 10µm

SR Type	
Internal diameter of the column (mm)	5-50
Length of the column (mm)	0-500
Frit material	5µ-15µ porous glass
	20µ-50µ Stainless Steel
Frit size	2µm or 10µm



## Pilot columns

Pilot columns are designed for use in pilot and production scale applications with organic solvents (version SR) or aqueous buffers (version AB) which makes them applicable for all common methods in chromatography including normal phase, reversed phase or biochromatography. All materials are in compliance with FDA regulations; certification and full documentation is available for validation purposes. Materials and size of column can be customized for each application.



### Specifications

Internal diameter	: 60, 100, 140, 200, 300, 450, 600mm
Length of the column:	400mm, 750mm
Column Material	: glass, acrylic, stainless steel

Various other customizations are available.  
Please feel free to contact us