

Packed column for analyses of inorganic gases

Shincarbon-ST

Fits all GC models

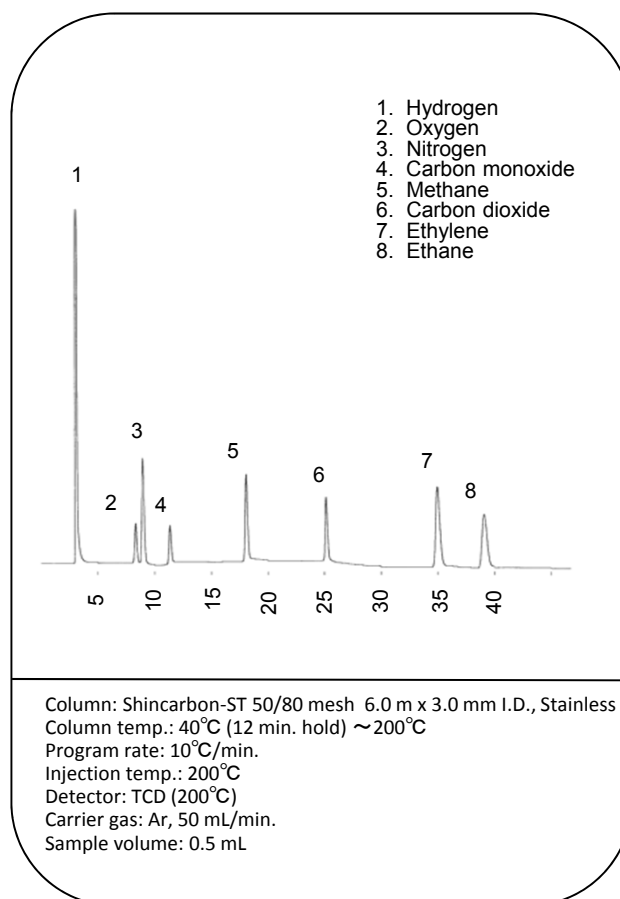
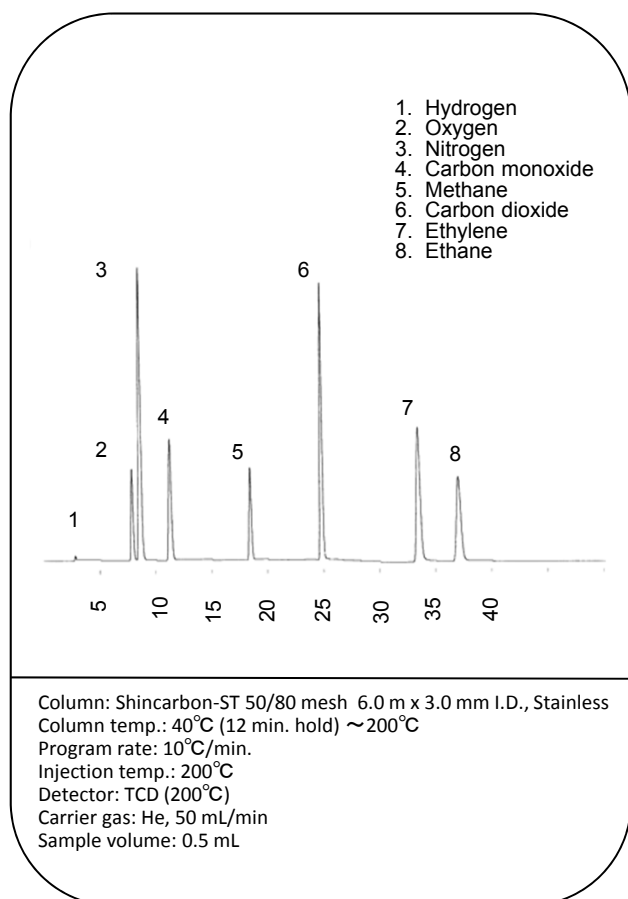


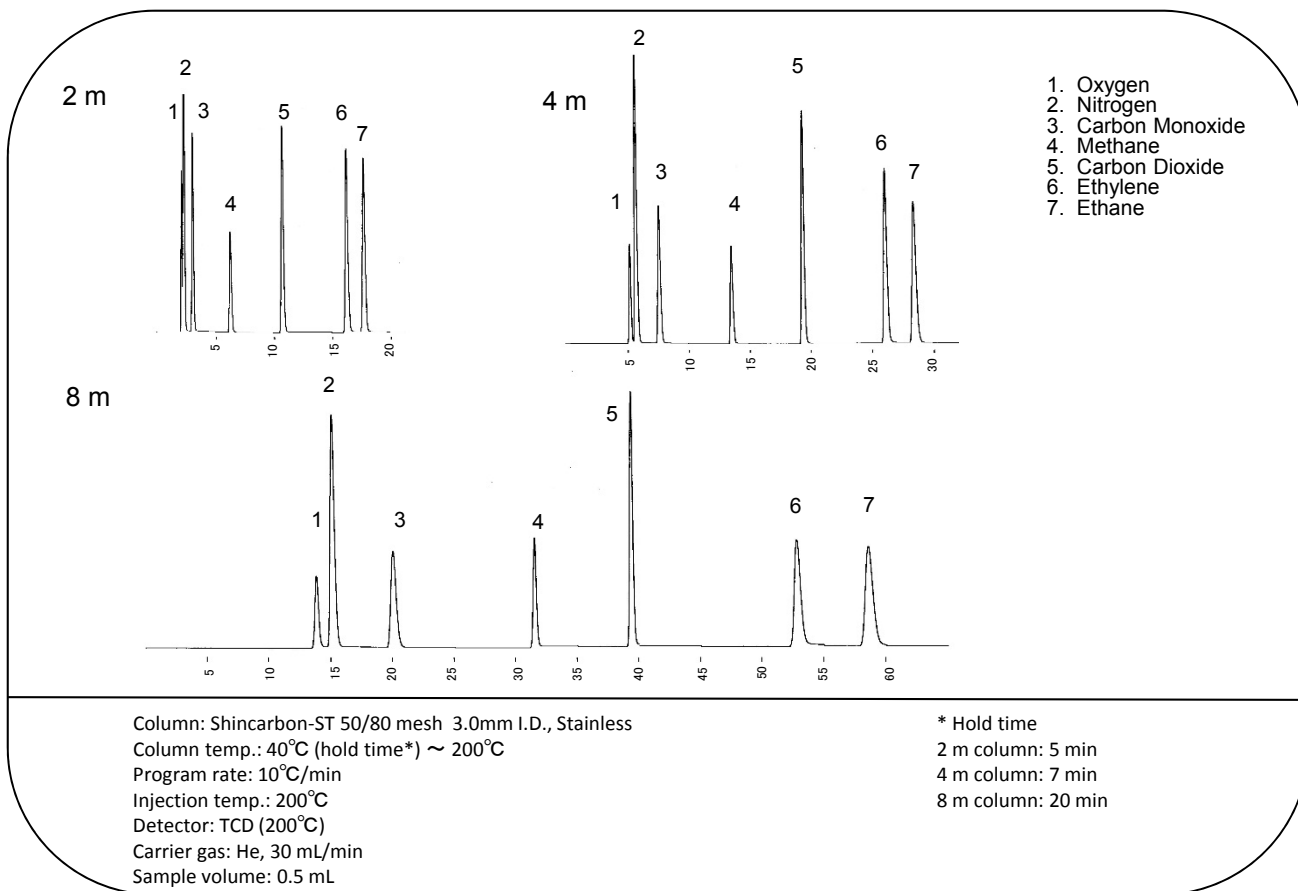
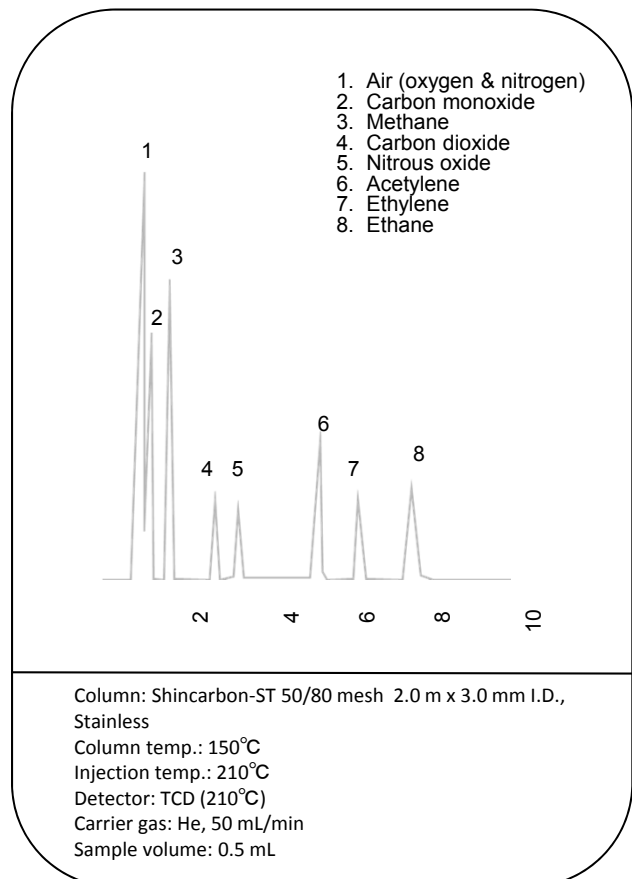
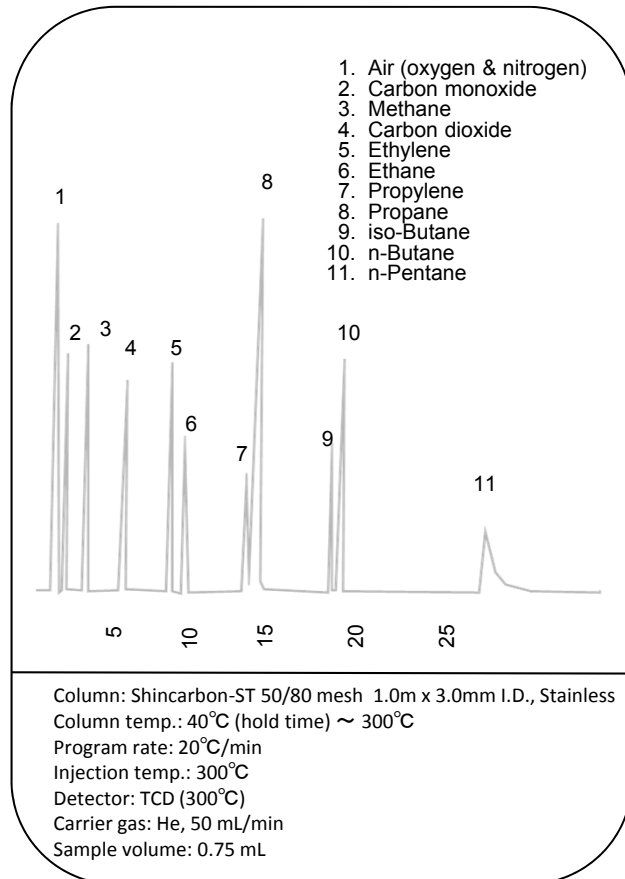
Shincarbon-ST is a revolutionary packing material designed for analyses of inorganic gases that consists of a specially treated carbon, and boasts the advantages of both molecular sieves and Porapak Q.

Features

- Simultaneous analyses of H₂, O₂, CO, CH₄, CO₂, N₂O, C₂H₂, C₂H₄, and C₂H₆ are possible using one column.
- When analyzing samples containing water, water does not appear as a peak, but the injection of water does not lead to the deterioration of columns. Water can be driven from columns by increasing the temperature of columns.
- Column lengths of 2, 4, 6, and 8 meters are available to meet particular analytical purposes (4 m: 2×2 meter column, 6 m: 3×2 meter column, 8 m: 4×2 meter column).

Inorganic gases and short chain hydrocarbons (1)



Inorganic Gases and Lower Hydrocarbons

Lower Hydrocarbons (Acetylene & Ethylene)

Inorganic Gases and Lower Hydrocarbons


Product information

For Shimadzu GC Models

Column name	Column material	Column dimensions
Shincarbon-ST 50/80	Stainless steel	1.0 m x 3.0 mm
Shincarbon-ST 50/80	Stainless steel	2.0 m x 3.0 mm
Shincarbon-ST 50/80	Stainless steel	4.0 m (2.0 m x 2) x 3.0 mm
Shincarbon-ST 50/80	Stainless steel	6.0 m (2.0 m x 3) x 3.0 mm
Shincarbon-ST 50/80	Stainless steel	8.0 m (2.0 m x 4) x 3.0 mm
Shimalite-Q 100/180 (Reference column)	Stainless steel	0.5 m x 3.0 mm

For Agilent GC Models

Column name	Column material	Column dimensions
Shincarbon-ST 50/80	Stainless steel	1.0 m x 2.2 mm x 1/8"
Shincarbon-ST 50/80	Stainless steel	2.0 m x 2.2 mm x 1/8"
Shincarbon-ST 50/80	Stainless steel	4.0 m x 2.2 mm x 1/8"
Shincarbon-ST 50/80	Stainless steel	6.0 m x 2.2 mm x 1/8"
Shincarbon-ST 50/80	Stainless steel	8.0 m x 2.2 mm x 1/8"

Please contact us for details regarding other GC models.

Please be aware that specifications are subject to change without prior notification due to the implementation of improvements.



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