

# Ion Exclusion Chromatography Columns

## Features

- |  |   |
|--|---|
| <p><b>SH1011</b><br/><b>SH1821</b></p> | <ul style="list-style-type: none"> <li>• Columns for simultaneous analysis of saccharides and organic acids</li> <li>• Separates neutral sugars in size exclusion mode and organic acids in ion exclusion mode</li> <li>• Suitable for the analysis of uronic and aldonic acids</li> <li>• Fulfill USP L17 and L22 requirements</li> </ul>  |
| <p><b>KC-811</b></p>                   | <ul style="list-style-type: none"> <li>• Columns suitable for the analysis of organic acids</li> <li>• Separates compounds by ion exclusion mode and reversed phase mode</li> <li>• Highly selective when used with post column method</li> <li>• KC-811 6E is suitable for the analysis of cyanide ions and cyanogen chloride in accordance with the Japanese Water Supply Act</li> <li>• Fulfills USP L17 and L22 requirements</li> </ul> |

## ● Standard columns

### [ For simultaneous analysis of saccharides and organic acids ]

Product Code	Product Name	Plate Number (TP/column)	Functional Group	Exclusion Limit (Pullulan)	Particle Size (μm)	Column Size (mm) I.D. x Length	Shipping Solvent
F6378100	<b>SUGAR SH1011</b>	≥ 17,000	Sulfo	1,000	6	<b>8.0 x 300</b>	H <sub>2</sub> O
F6378101	<b>SUGAR SH1821</b>	≥ 17,000	Sulfo	10,000	6	<b>8.0 x 300</b>	H <sub>2</sub> O
F6700080	<b>SUGAR SH-G</b>	(guard column)	Sulfo	-	10	<b>6.0 x 50</b>	H <sub>2</sub> O
F6378104	<b>SUGAR SH1011 8C</b>	≥ 5,000	Sulfo	1,000	6	<b>8.0 x 100</b>	H <sub>2</sub> O

Base Material: Styrene divinylbenzene copolymer

### [ For organic acids, cyanide ions and cyanogen chloride ]

Product Code	Product Name	Plate Number (TP/column)	Functional Group	Particle Size (μm)	Column Size (mm) I.D. x Length	Shipping Solvent
F6378030	<b>RSpak KC-811</b>	≥ 17,000	Sulfo	6	<b>8.0 x 300</b>	0.1 % H <sub>3</sub> PO <sub>4</sub> aq.
F6378033	<b>RSpak KC-811 6E</b>	≥ 13,000	Sulfo	6	<b>6.0 x 250</b>	0.1 % H <sub>3</sub> PO <sub>4</sub> aq.
F6700030	<b>RSpak KC-G 6B</b>	(guard column)	Sulfo	10	<b>6.0 x 50</b>	0.1 % H <sub>3</sub> PO <sub>4</sub> aq.
F6700010	<b>RSpak KC-G 8B</b>	(guard column)	Sulfo	13	<b>8.0 x 50</b>	0.1 % H <sub>3</sub> PO <sub>4</sub> aq.

Use KC-G 8B for samples with relatively high impurity and KC-G 6B for samples with relatively low impurity.

Base Material: Styrene divinylbenzene copolymer

