

L-column ODS-V

L-column ODS designed for validated methods

| | |
|-----------------------|-----------|
| Average particle size | 5 μ m |
| Average pore size | 120 Å |
| Range of pH | 2~9 |
| USP category | L 1 |

GMP and GLP for drugs and pesticides demand validation of analytical methods and high reproducibility of HPLC columns.

L-column ODS-V is the popular **L-column ODS** with additional supporting certificates of quality testing. Test results for the media and each product lot, as well as an individual quality report for each column packed are included.

Item of quality assurance

Physical properties of the base silica gel:

- Median particle size (d50)
- Surface area
- Median pore diameter
- Pore volume
- Metal content

Properties of the media:

- Capacity factor of a standard
- Adsorptive property for basic compounds
- Adsorptive property for acidic compounds
- Adsorptive property for chelating compounds
- Surface hydrophobicity
- Planar and non-planar compounds separation performance, etc.

Quality of packing as measured by theoretical plate number

Validation support

Set of three columns prepared from different media lots.

【Lineup】

L-column ODS

| Particle (μ m) | Length (mm) | I.D. (mm) | | | | | | | |
|---------------------|-------------|-----------|---------|---------|---------|---------|---------|---------|---------|
| | | 1.5 | 2.1 | 3.0 | 4.0 | 4.6 | 6.0 | 10.0 | 20.0 |
| | | Cat.No. | Cat.No. | Cat.No. | Cat.No. | Cat.No. | Cat.No. | Cat.No. | Cat.No. |
| 3 | 35 | | 611240 | | | | 621250 | | |
| | 50 | 611130 | 611140 | 612490 | | 621150 | | | |
| | 100 | 611160 | 611170 | 621330 | | 621180 | | | |
| | 150 | 611010 | 611020 | 621260 | | 621070 | | | |
| | 250 | | | 621320 | | 621080 | | | |
| 5 | 35 | | 612240 | | | 622250 | | | |
| | 50 | 612130 | 612140 | | | 622150 | | | |
| | 100 | 612160 | 612170 | 622330 | | 622180 | | | |
| | 150 | 612010 | 612020 | 622260 | 622040 | 622070 | 622090 | | |
| | 250 | | 612220 | 622320 | 622310 | 622080 | | 642100 | |

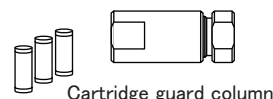
◆ Please contact us for dimensions not listed here.

◆ Micro and nano size columns are described in the **L-column Micro** section (p.14)

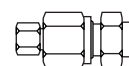
Connection type; 1/16" Waters (W)

Guard column (Particle size 5 μ m)

| | Column size (mm) | Specification | Cat.No. |
|------------------------|------------------|----------------------------------|---------|
| Cartridge guard column | 2.0 × 5 | Cartridge x 3 | 652330 |
| | | Set (3 × cartridges plus holder) | 652331 |
| | | Holder | 652332 |
| Cartridge guard column | 4.6 × 10 | Cartridge x 3 | 652050 |
| | | Set (3 × cartridges plus holder) | 652051 |
| | | Holder | 652052 |
| Guard column | 4.0 × 10 | — | 652030 |
| | 10.0 × 20 | — | 652110 |



Cartridge guard column



Guard column

Connection type; 1/16" Waters (W)

L-column ODS-V

| Column size (mm) | Specification | Cat.No. |
|------------------|---------------|---------|
| 4.6 × 150 | 1 | 622078 |
| | 3 lots set | 622208 |
| 4.6 × 250 | 1 | 622088 |
| | 3 lots set | 622218 |

Connection type; 1/16" Waters (W)