

DEIONIZER

**LATEST TECHNOLOGY, HIGHEST QUALITY,
ENVIRONMENT-FRIENDLY**

Evoqua Mixbed Deionizer

The high quality 1.4404 stainless steel deionizers can be operated at pressures of up to 10 bar. They are significantly more resistant to mechanical stress than conventional glass fiber reinforced plastic cartridges.

Evoqua has optimized the water flow to ensure that the resin bed can be used to its full capacity. Our deionizers are available with the proven stainless steel quick-fit couplers (SK) or with 3/4" threaded connectors.

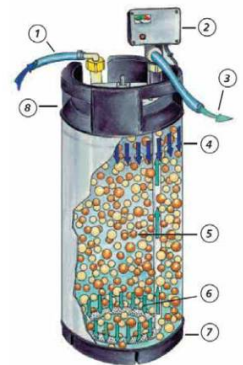
All deionizers are supplied without conductivity meter and hose set (or probe). Please order these devices separately.

Typical applications

- Feed for ultrapure water systems
- General laboratory work
- Laboratory washing machines
- Water for autoclaves and environmental chambers
- Buffer preparation
- Polishing of RO water

Fields of use

- | | |
|---|--|
| <ul style="list-style-type: none"> - Microbiology - Electronics - Optics - Semiconductor - Pharmaceutical - Chemistry | <ul style="list-style-type: none"> - Clinical - Power Plants - Glass industry - Plating industry - Food service |
|---|--|



1. Feed water inlet
2. Conductivity meter
3. Deionized product water
4. Inlet water distribution
5. Mixed bed resin
6. Product water distribution
7. Hard-rubber base
8. Hard-rubber collar with support handles

Specifications for Deionizer with Quick-Couplings (SK)

| Type SG....SK | | 2000 SK | 2800 SK | 4500 SK | 6200 SK | 7000 SK | 11000SK | 15000 SK |
|------------------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capacity * | In liter | 2000 | 2800 | 4500 | 6200 | 7000 | 11000 | 15000 |
| Performance max. | l/h | 450 | 800 | 1000 | 1000 | 1500 | 1500 | 1500 |
| Pressure max. | Bar | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Dimensions: | | | | | | | | |
| Diameter | mm | 230 | 230 | 230 | 230 | 360 | 360 | 360 |
| Container height | mm | 410 | 570 | 785 | 1025 | 660 | 980 | 1111 |
| Container height incl. meter | mm | 515 | 675 | 886 | 1125 | 780 | 980 | 1230 |
| Shipping weight | kg | 18 | 24 | 34 | 48 | 52 | 68 | 92 |
| Part number | | W3T199735 | W3T199172 | W3T199736 | W3T198029 | W3T199173 | W3T198027 | W3T199789 |

* = Basis capacity per regeneration with a total salt content of 1.79 mol/m³, which is equivalent to 10°d GSG.
1°d GSG has a conductivity of ~30 µS/cm.

Specifications for Deionizer with Threaded Connectors (3/4")

| Type SG.... | | 2000 3/4" | 2800 3/4" | 4500 3/4" | 6200 3/4" | 7000 3/4" | 11000 3/4" | 15000 3/4" |
|------------------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capacity * | In liter | 2000 | 2800 | 4500 | 6200 | 7000 | 11000 | 15000 |
| Performance max. | l/h | 450 | 800 | 1000 | 1000 | 1500 | 1500 | 1500 |
| Pressure max. | Bar | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Dimensions: | | | | | | | | |
| Diameter | mm | 230 | 230 | 230 | 230 | 360 | 360 | 360 |
| Container height | mm | 410 | 570 | 785 | 1025 | 660 | 980 | 1111 |
| Container height incl. meter | mm | 530 | 690 | 900 | 1140 | 710 | 910 | 1160 |
| Shipping weight | kg | 18 | 24 | 34 | 48 | 53 | 69 | 93 |
| Part number | | W3T199409 | W3T198640 | W3T198639 | W3T198638 | W3T199061 | W3T197829 | W3T198437 |

* = Basis capacity per regeneration with a total salt content of 1.79 mol/m³, which is equivalent to 10°d GSG.
1°d GSG has a conductivity of ~30 µS/cm.

Accessories & Options for Deionizers

| Part number | Description |
|--|---|
| W3T198266 | Conductivity meter P2/30 SK, 0-20 µS/cm |
| W3T198373 | Conductivity meter P2/30 3/4", 0-20 µS/cm |
| W3T197840 | Conductivity meter P1/50 WA, 0-50 µS/cm |
| W3T199245 | Conductivity meter LFW200, 0-200 µS/cm |
| W2T808004 | Leak detector with sensor 3/4" thread connector |
| W2T808003 | Leak detector with sensor 1" thread connector |
| W3T197588 | Solenoid valve, 3/4" thread connector, current-less closed |
| W3T204904 | Float switch level control with electrical contact |
| W3T331762 | Conductivity electrode (c=0.2) |
| W2T525642 | Conductivity electrode (c=0.2), temperature compensated |
| W3T198259 | Quick-coupler adapter for deionizer and hose |
| W3T197586 | Quick-coupler adapter only for deionizer |
| W2T523835 | 15 l Storage tank, PE, with tap |
| W2T523836 | 30 l Storage tank, PE, with tap |
| W2T523833 | 50 l Storage tank, PE, with tap |
| W2T523831 | 80 l Storage tank, PE, with tap |
| W2T523832 | 125 l Storage tank, PE, with tap |
| W3T197655 | Distribution block II, 1 x 3/4" thread inlet, 2 x shut-off hose valve |
| W3T199552 | Distribution block III, 1 x 3/4" thread inlet, 3 x shut-off hose valve |
| W3T199157 | Distribution block IV, 1 x 3/4" thread inlet, 4 x shut-off hose valve |
| W3T198015 | Dispenser for Pure Water, 3/4" internal thread connector |
| Set of hoses with SK quick-couplers | |
| W3T199302 | For SG2000 - SG15000 SK 2 x 1.5m, quick-coupler only for P2/30 connection |
| W3T199289 | For SG2000 - SG15000 SK with conductivity sensor 2 x 1.5m, quick-coupler, electrode (c = 0.2) for P1/50 or LFW200 connection |
| W3T199288 | For SG2000 - SG15000 SK with temperature compensated sensor 2 x 1.5m, quick-coupler, electrode (c = 0.2) only for LFW200 connection |
| Set of hoses with threaded connectors | |
| W3T198103 | For SG2000 - SG6200 3/4" 2 x 1.5m, 3/4" external thread only for P2/30 connection |
| W3T197682 | For SG2000 - SG6200 3/4" with conductivity sensor 2 x 1.5m, 3/4" external thread, electrode (c = 0.2) for P1/50 or LFW200 connection |
| W3T198041 | For SG2000 - SG6200 3/4" with temperature compensated sensor 2 x 1.5m, 3/4" external thread, electrode (c = 0.2) only for LFW200 connection |
| W3T199844 | SG7000 - SG15000 1 1/4" with conductivity sensor 2 x 1.5m, 1 1/4" external thread, electrode (c = 0.2) for P1/50 or LFW200 |
| W3T198267 | For SG7000 - SG15000 1 1/4" with temperature compensated sensor; 2 x 1.5m, 1 1/4" external thread, electrode (c = 0.2) only for LFW200 connection |