

## SOR-100 Solvent Racks



Use the HPLC solvent rack SOR-100 with your P680 pump or any other modular HPLC pump. The SOR-100 with incorporated low-volume, chemically inert, vacuum degasser channels ensures highest degassing efficiency and fastest degassing system equilibration times. The SOR-100 fits your system needs—choose between two, four, and six analytical degasser channels. Use the version without vacuum chambers as a solvent organizer to accommodate up to six 1-L bottles, or up to three 2-L bottles.

Now sold under the  
Thermo Scientific brand

**Thermo**  
SCIENTIFIC

### Features

- Eliminate baseline disturbances from incomplete eluent degassing. Teflon® AF metal-free degassing membranes result in highest degassing efficiency and consequently lower baseline fluctuation.
- Change eluents and reequilibrate the degasser quickly with the SOR-100's low internal degasser volumes of only 670 µL.
- Use Summit® System Wellness. The vacuum level is continuously monitored and a leak sensor backs up in case of an eluent leakage.
- User-friendly design—three LEDs indicate power, vacuum, and leak sensor status.
- Place up to six 1-L bottles, or up to three 2-L bottles, onto your SOR-100.
- Degas up to six eluents on-line with one solvent rack—ideal for the Dual Low-Pressure Gradient P680 Pump.
- Versions with two or four analytical vacuum chambers are available for High-Pressure Gradient or Isocratic Analytical P680 Pumps.
- The SOR-100 is also available without any degasser channels for use with a Low-Pressure Gradient P680 Pump (degasser incorporated in the pump).
- The continuously vented vacuum system has low operating noise.
- Easy access to the vacuum chambers—tilt the front panel upward and pull the tray with the degassing chambers toward you.
- Connect the SOR-100 directly to your P680 pump or use the optional external power supply.



## SOR-100 SOLVENT RACK SPECIFICATIONS

|   |   |
|---|---|
| <p><b>Eluent Bottle Capacity</b><br/>Up to six 1-L bottles, or<br/>Up to three 2-L bottles</p> <p><b>Degassing Channels</b><br/>None, two, four, or six analytical<br/>degasser channels</p> <p><b>Degassing Channel Tubing</b><br/>Teflon AF</p> <p><b>Channel Volume</b><br/>670 µL</p> <p><b>Max. Flow Rate Per Channel</b><br/>12 mL/min</p> <p><b>Optimal Flow Rate Per Channel*</b><br/>≤3.6 mL/min</p> <p><b>Wetted Materials</b><br/>Teflon AF, PEEK, and Tefzel®</p> | <p><b>Status LEDs</b><br/>Power, vacuum pump status, error<br/>(vacuum and/or leak)</p> <p><b>Communication</b><br/>15-pin D-SUB (through P680 pumps)</p> <p><b>Power Supply</b><br/>15-pin D-SUB (through P680<br/>pumps) or external power supply</p> <p><b>Power Consumption</b><br/>30 VA max</p> <p><b>Dimensions (h × w × d)</b><br/>10 × 40 × 31 cm (3.9 × 15.8 × 15.0 in.)</p> <p><b>Weight</b><br/>2.8 kg (6.2 lb)</p> |
|---|---|

All technical specifications are subject to change without notice.

\*Optimal flow rate range for isocratic or gradient formed 50:50 methanol/water blends.

### Ordering Information

To order in the U.S., call (800) 346-6390, or contact the Dionex regional office nearest you. Outside the U.S., order through your local Dionex office or distributor. Refer to the following part numbers.

## PART NUMBERS

| Description  | Part Number |
|--|-------------|
| SOR-100 solvent rack without degasser channels .....                 | 5030.9200   |
| SOR-100A-2 solvent rack with 2 analytical degasser channels .....    | 5030.9210   |
| SOR-100A-4 solvent rack with 4 analytical<br>degasser channels ..... | 5030.9220   |
| SOR-100A-6 solvent rack with 6 analytical<br>degasser channels ..... | 5030.9230   |
| External power supply for use with other pumps than P680 .....       | 1510.0004   |



Teflon and Tefzel are registered trademarks of E.I. du Pont de Nemours.  
Summit is a registered trademark of Dionex Corporation.

**Dionex Corporation**  
1228 Titan Way  
P.O. Box 3603  
Sunnyvale, CA  
94088-3603  
(408) 737-0700

**Dionex Corporation**  
Salt Lake City Technical Center  
1515 West 2200 South, Suite A  
Salt Lake City, UT  
84119-1484  
(801) 972-9292

**Dionex U.S. Regional Offices**  
Sunnyvale, CA (408) 737-8522  
Westmont, IL (630) 789-3660  
Houston, TX (281) 847-5652  
Atlanta, GA (770) 432-8100  
Marlton, NJ (856) 596-06009

**Dionex International Subsidiaries**  
Austria (01) 616 51 25 Belgium (03) 3-353 42 94 Canada (905) 844-9650 China (852) 2428 3282 Denmark 36 36 90 90  
France 01 39 30 01 10 Germany 06126-991-0 Italy (06) 66 51 50 52 Japan (06) 6885-1213 Korea 82 2 2653 2580  
The Netherlands (0161) 43 43 03 Switzerland (062) 205 99 66 United Kingdom (01276) 691722  
\* Designed, developed, and manufactured under an NSAI registered ISO 9001 Quality System.



LPN 1593 8M 03/04  
© 2004 Dionex Corporation