



Organizer OR 110

Degassing & Pulse Damping

OR 110 – Degasser & Pulse Damper All-in-One

- **Efficient dual channel degasser**
- **Integrated pulse damper**
- **UHPLC compatible**
- **Mains power distributor**

All in one unit

The compact Organizer OR 110 includes an extremely efficient degasser and pulse damper. The power supply for all devices comes from the OR 110 avoiding grounding loops.

Efficient degassing

The degasser has two independent vacuum channels with a hold-up volume of 480 μ l per channel. The degasser uses the concept of continuous vacuum degassing by means of a variable RPM vacuum pump. The channel inside the vacuum chamber is made of gas permeable Teflon AF.

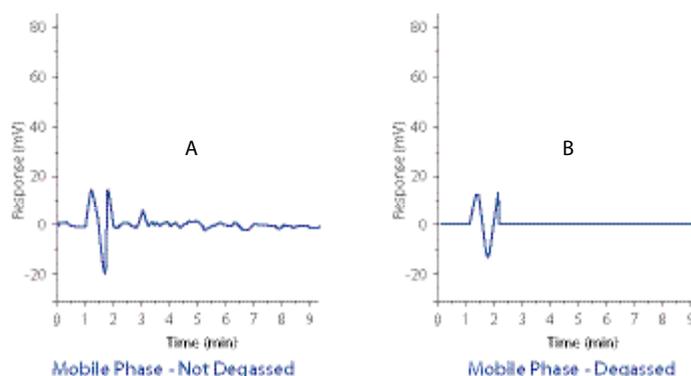
Efficient pulse damping

The OR 110 is standard supplied with one pulse damper to remove any residual pulsations from the pump. For dual channel operation (i.e., 2 LC pumps) it is available with a second pulse damper.



Mobile phase degassing

Effect of mobile phase degassing on baseline noise:
not degassed (A) degassed (B)



Robust Applications, fluidly running

Organizer OR 110

Additional organizer racks

The PR 110 (pump rack), SR 110 (solvent rack) and TR 110 (tool rack) are convenient to organize your entire (U)HPLC system. For more info, see www.myAntec.com



Specifications

- Efficient degassing (up to 5 ch.)
- Efficient UHPLC pulse damping
- All in one unit
- Various racks available
- CE, UL/CSA, RoHS compliant

Specifications

Power	100 - 240 VAC, 50/60 Hz, 20 VA degasser only
Operating conditions	10 - 35°C, 20 - 80% RH, non-condensing
Storage conditions	0 - 50°C, 20 - 80% RH, non-condensing
Power outlets	8 outlets: 100 VAC (max 800 VA total) – 240 VAC (max 1900 VA total), max 300 VAC per outlet
Degasser	2 channels, volume 480 µL/channel, capacity < 2 ppm O ₂ at 1 mL/min, max flow rate 10 mL/min LED for power, start-up and vacuum level wetted materials: PEEK, PTFE, Teflon AF
Degasser	Extendable with 3 additional channels (total of 5 channels)
Pulse damper	Standard version: membrane type, volume 1.3 mL at max pressure 41.4 MPa (6,000 psi), wetted materials: 316 SS and PTFE. UHPLC version, membrane type, volume 1.0 mL at max pressure 124.1 MPa (18,000 psi), wetted materials: 316 SS and PTFE.
Regulatory	CE, cCSAus (file no. 213224), RoHS compliant

Physical specifications OR 110

Dimensions	35 (D) x 9 (W) x 44 (H) cm
Weight	10.3 kg (22.7 lbs) with 1 pulse damper

Physical specifications PR, SR and TR rack

Dimensions	46 (D) x 30 (W) cm, (H) depending from type: PR, SR or TR, see website for specs.
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Part no	Description
184.0040	OR 110 organizer rack 1ch
184.0041	OR 110 organizer rack 2 ch
184.0040U	OR 110 organizer rack 1ch, UHPLC
184.0041U	OR 110 organizer rack 2 ch, UHPLC
184.00202	OR 100/110 glass bottle kit
192.0040	PR 110 pump rack
192.0042	SR 110 solvent rack
192.0044	TR 110 tool rack

Note: for additional configurations or racks, see www.myAntec.com

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