

Agilent G3199A Quiet Cover for LC/MS Rough Pump

Technical Overview



Agilent Introduces the G3199A Quiet Cover

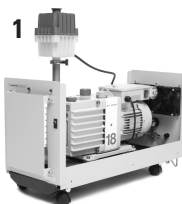
Imagine your lab as a place of retreat; a tranquil place where ideas are born and breakthroughs made. However, tranquility can be hard to come by when the rough pump attached to your LC/MS is running.

Now, Agilent Technologies has developed a solution that is designed to quiet your rough pump once and for all. The Agilent G3199A Quiet Cover accommodates your rough pump to significantly reduce noise, while two internal fans ensure your pump won't overheat. The Quiet Cover also has an easy-to-use kick stand that raises the pump to make oil changes and routine maintenance a quick, clean process.

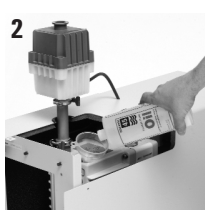
So rid yourself of rough pump noise with the Quiet Cover and finally bring some peace and quiet to your lab.

Key Features and Benefits

- The sound-absorbing cabinet with resistant foam insulation reduces pump noise
- The pump is mounted on cushioned grommets to minimize vibration (1)
- No tools are necessary to remove sectioned cover, resulting in easy pump access (2)
- Casters are included to move the pump
- Integrated fans maintain temperature inside the cover
- A temperature sensor with audible and visual alarms ensures your pump does not exceed the 35 °C limit without your knowledge
- A built-in kick stand raises the end of pump to drain oil without the mess (3)
- A removable molded plastic oil tray with well and handholds allows you to drain and transport oil conveniently (4)
- Safety tested and approved by Agilent IEC, EMS, RFI, and CE standards



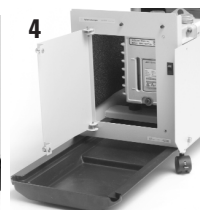
Minimal vibration



Easy access to pump



Kick stand



Removable oil tray



Agilent Technologies

Just How Effective is the Agilent G3199A Quiet Cover?

Sound comparison	dB
Threshold of pain	120
Firecrackers	100
Food blenders (upper range)	90
Alarm clock	80
Voice shouting	70
<i>Rough pump without Quiet Cover</i>	<i>62</i>
Air conditioner	60
<i>Agilent LCMS rough pump in Quiet Cover</i>	<i>57</i>
Average home	50
Very quiet radio at home	40
Voice, very soft whisper	30
Lowest audible sound for persons with excellent hearing	0

- A sound at 60 dB is twice as loud as 50 dB.
- A sound level change of 1 dB can be detected by the human ear.
- Decreasing sound by 10 dB results in a 50% sound reduction.

Compatible With Most Agilent Systems

The Quiet Cover was designed for the BOC Edwards Model E1M18 used with these Agilent systems:

- G1956A LC/MSD Quad VL System
- G1956B LC/MSD Quad SL System
- G2440CA LC/MSD Trap VL System Bundle
- G2440DA LC/MSD Trap SL System Bundle
- G2451AA LC/MSD Trap XCT System
- G2453AA LC/MSD Trap XCT Plus System
- G2908AA LC/MSD Quad VL ESI System

Specifications

Size:	300 mm W × 420 mm H × 762 mm Deep 12 in W × 16.5 in × 30 in Deep
Weight:	41 lbs 18.5 kg
Temperature:	Maximum ambient temperature of 35 °C when airflow is neither restricted nor recycled

Service You Can Count On

- The Agilent G3199A Quiet Cover comes with a standard 1-year warranty, guaranteeing your investment is protected.
- The Agilent G3199A Quiet Cover is customer installable, so you can have the product up and running in no time.
- Installation and familiarization is included with new LC/MS orders.

For More Details and Ordering Information

Order the **Quiet Cover G3199A** and get the peace and quiet you deserve. For additional details on the Agilent G3199A Quiet Cover, please contact your Agilent Consumables sales representative or authorized distributor, or visit our Web site at www.agilent.com/chem/quietcover.

Agilent shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Information, descriptions, and specifications in this publication are subject to change without notice.

© Agilent Technologies, Inc. 2005

Printed in the USA
April 29, 2005
5989-2909EN



Agilent Technologies