Agilent G2630
Installing the External Flow Restrictor

Installation Guide
Notices

© Agilent Technologies, Inc. 2002

No part of this manual may be reproduced in any form or by any means (including electronic storage and retrieval or translation into a foreign language) without prior agreement and written consent from Agilent Technologies, Inc. as governed by United States and international copyright laws.

Document Part Number
G2630-90277

Edition
First edition, April 2002
Replaces G2630-90270
Printed in USA
Agilent Technologies, Inc.
2850 Centerville Road
Wilmington, DE 19808-1610 USA

Safety Notices

CAUTION
A CAUTION notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a CAUTION notice until the indicated conditions are fully understood and met.

WARNING
A WARNING notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a WARNING notice until the indicated conditions are fully understood and met.
Two external flow restrictors, part no. G1530-80380, are provided. Each includes a pre-installed 1/8-inch front and back ferrule set with Swagelok nut for connection to your gas line. If needed, order and additional external flow restrictor from Agilent Technologies. See Figure 1.

**Tools required**

7/16-inch wrenches
Installation Guide

Table 1  Parts you may need to supply

<table>
<thead>
<tr>
<th>Description</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferrule, 1/8-inch, stainless steel, front (10/pk)</td>
<td>5180-4110</td>
</tr>
<tr>
<td>Ferrule, 1/8-inch, stainless steel (10/pk)</td>
<td>5180-4116</td>
</tr>
<tr>
<td>Nut, 1/8-inch, stainless steel (10/pk)</td>
<td>5180-4104</td>
</tr>
</tbody>
</table>

Installation

1  If flammable gases are already plumbed to the auxiliary flow module, turn them off at their sources and disconnect them from the auxiliary flow module.

2  Loosely install a front ferrule, back ferrule, and nut on the auxiliary flow module fitting. See Figure 2.

Figure 2  Loosely install nut and ferrule set
3 Insert the 1/8-inch tube of the external flow restrictor into the flow module fitting. Using two wrenches, tighten the nut 3/4 turn past finger-tight. See Figure 3.

![External flow restrictor](image)

**Figure 3** External flow restrictor installed and ready for connection to gas line

4 Slide the gas line into the 1/8-inch nut on the external flow restrictor.

**NOTE** If a ferrule set is already installed on the gas line, first remove the 1/8-inch nut and ferrule set from the external flow restrictor.

5 Using two wrenches, tighten the gas line connection 3/4 turn past finger-tight.

For more information about making Swagelok connections, refer to your 6890 User Information CD-ROM.