

Reveleris® X2 Flash Chromatography System Gas Requirements

Introduction

The Reveleris® X2 flash chromatography system was designed so the integrated ELSD only needs a supply of clean, dry air without the need for special nitrogen generators or cylinders. In most cases the air and nitrogen supplies already available in most laboratories will be sufficient.

If your laboratory does not have a suitable air or nitrogen supply available, you will need to purchase a small air compressor to use with your Reveleris® X2 flash system.



ELSD Gas Requirements

Gas: Clean, Dry Air or Nitrogen
Pressure: 50 psig (3.45 bar) minimum
Flow: 5 L/min (0.18ft³/min) maximum

If the air/nitrogen supply lines in your laboratory are not conditioned to remove humidity, we recommend installing a membrane dryer before using the Reveleris® X2 flash system.



Recommended Air Compressor

Jun-Air® Oil-Less Compressor	
Model Number:	OF302-25B
Capacity:	25 Liter Reservoir Tank
Weight:	28 KG
Dimensions:	380mm L x 380mm W x 610 mm H
Noise Level:	65dp (at 1m)
Grace Part No.	8609483 (specify country and voltage needed)
Or visit www.jun-air.com for your local supplier	

Recommended Dryer

Beko® Technologies Membrane Plus Dryer	
Model Number:	DM08N19KA-N <i>Integrated super-fine particulate filter</i>
Connection:	1/4" NPT
Dimensions:	265mm L x 46mm W
Optional Filter Element Part No:	01S-V02
Optional Wall Bracket Part No:	XZDPMFD15
Or visit www.beko.de for your local supplier	

Optional Accessories	Part No
Swagelock® 1/8" tube to 1/4" MPT Brass adapter fittings for connecting tubing to dryer (2 needed):	Grace Part No. 8606661
Swagelock® brass 1/8" tube to 1/4" male BSP (ISO) straight thread adapter for connection of tubing to compressor	Swagelock® Part No. B-200-1-4FT
1/8" polypropylene tubing (50ft)	Grace Part No. 5126215

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