



VACUUM 104

PRODUCT
NOTE

Efficient Bubble Elimination in CellDirector®

Miniature sized and silent

Microfluidic assays deal with small cell medium volumes compared to many other cell culture setups. This brings the advantage of consuming very small amounts of reagents while maintaining a constant supply of fresh cell media to the cells in CellDirector®, due to the continuous fluid flow during the entire length of the experiment.

The formation of small air bubbles in microfluidic channels is however a common challenge in microfluidic technology, and has the potential to affect the results.

By connecting the miniature Vacuum 104 pump to CellDirector®, the incoming cell media are exposed to a slight underpressure and an efficient air bubble elimination is achieved. Due to the design and material composition of all CellDirector® assays, your cells are still exposed to the same gas composition as the surrounding atmosphere in your incubator.

To request a quote or to order products from Gradientech

Email: sales@gradientech.se

Phone: +46 18 418 67 00

Fax: +46 18 418 67 01

or find your local distributor at <http://www.gradientech.se>

Features

- » Easily plugged into your CellDirector® assay with simple elbow connector
- » Distinct sound difference when correctly connected to CellDirector®
- » 100 cm tube between pump and assay facilitates placement

Characteristics

Dimensions	7 x 11 x 5 cm
Power consumption	2.5 W
Depending on model	230V/50Hz 120V/60Hz
<i>Product Name, plug</i>	<i>Catalogue #</i>
Vacuum 104, Europlug	REF 91-001
Vacuum 104 US, Type A	REF 92-001
Vacuum 104 AUS, Type I	REF 93-001
Vacuum 104 UK, Type G	REF 94-001

This Gradientech product is for research use only.