

Vacuum manifolds

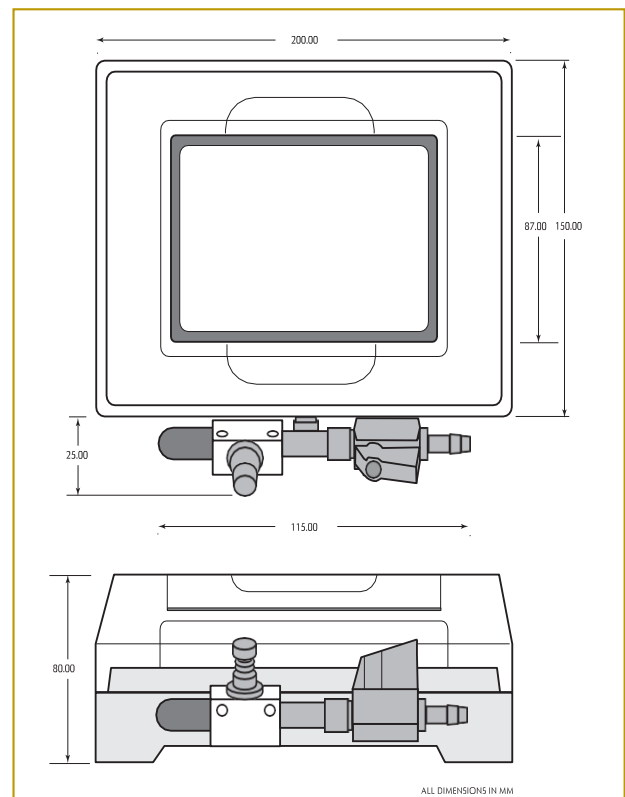
Vacuum manifolds are used to draw liquid through a filter or SPE plate into either a waste tray or a collection plate. The application of vacuum increases the speed at which samples can be collected.

MicroLute™ manifold

The MicroLute™ vacuum manifold from Porvair Sciences is precision machined from crystal clear acrylic (top plate) and acetal polymer (plenum chamber). The acrylic top plate allows visual access to the plenum chamber for checking progress of the separation process.



- Designed to take most filter plates manufactured to the ANSI/SLAS specification with long drip directors
- Also designed so that SPE plates can be used, especially the Porvair Sciences MicroLute™ plate
- Fitted with valve controller to ensure accurate adjustments of vacuum to the manifold
- On/off valve for speed of use
- Square well collection plate volumes of 350µl, 1ml and 2ml may be used. Any plate up to 44mm in height can be used
- Fitted with a custom O-ring in upper surface allowing airtight interface between plates during operation
- Removable top plate to install reservoir tray or collection plate
- Chamber has a medium resistance to alcohols and weak acids



MicroLute™ manifold

Description	Qty/pack	Cat. no.
Standard MicroLute™ manifold to hold deep 96-well collection plate	1	228008
Replacement gasket, profile (to fit between top plate and vacuum chamber), for 228008/228020	1	228007
Replacement gasket, flat (to fit top plate below filtration plate), for 228008/228020	1	228009
Optional spacer insert, polypropylene, to allow use of 1ml round well polypropylene microplates (219002) in acrylic deep well manifolds (228008/228020)	1	228010
Optional spacer insert, HDPE, to allow use of 350µl microplates in acrylic manifolds (228008/228020)	1	228012
Disposable reservoir tray, PVC	25	219010