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Product Name :
Fluidised Bed Formation

Product Code :
LBNY-0005-103000201



Description :

Investigation of fluidised bed formation of solids in air and water
Diaphragm compressor with compressed air accumulator for compressed air supply
Adjustment of flow rate for both media by valves and flow meter
2 transparent test tanks to observe fluidised bed formation in air/water
1 steel rule per tank to measure the change in height of the fluidised beds
1 manometer per tank to measure the pressure loss through each test tank
Storage tank with diaphragm pump for water supply
Both test tanks removable for filling.

Technical Specification :

Technical Data:

2 test tanks
Material: PMMA
Length: 550mm
Scale division: 1mm
Inside diameter: 44mm
Diaphragm pump (water)
Max. head: 70m
Max. flow rate: 1,7L/min
Tanks
Water storage tank: approx. 4L
Diaphragm compressor (air)

Max. pressure: 2bar
Max. volumetric flow rate: 39L/min.



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