

HIGH PRESSURE DIFFUSER

Product Code : EPL HDP

HSN Code : 84818090

The High-Pressure Diffuser is used when sampling high pressure gases with Portable Particle counters or microbial air samplers. Applying compressed air or Nitrogen gases directly to a particle counter or microbial sampler may cause damage to the instrument. With particle counters it will also cause instability inside the sensor that produces false high counts.

- *The High-Pressure Diffuser works by adaptable the flow rate with an external port to provide a path for the excess pressure.*
- *Inlet – threaded fitting, male or direct input to ¼ "standard compressed air tubing.*
- *The low-pressure end of the diffuser has outlet fitting ½ " inch tapered tube connection directly to special sampling head.*
- *1/2" or 3/8" tubing to be connected between the High-pressure Diffuser & your Portable particle counter Instrument.*
- *The high-pressure diffuser is manufactured with Stainless steel and highest quality materials.*
- *This ensures a long life of reliable use. We provide support services for all devices over their lifetime.*
- *The high-pressure diffuser has no moving parts, and does not require any calibration.*
- *Over time it is possible that particles may build up on surfaces within the diffuser, and re-quire cleaning.*



- Compatible with common cleaning and sterilization procedures
- Device directly adaptable to the High-pressure Diffuser
- High pressure Diffuser directly adaptable to the compressed air source /gases
- Easy to carry and no complicated fixtures involved

SPECIFICATION:

Flow Ranges	1 CFM, 50 LPM. 75 LPM and 100 LPM
Gasses	Compressed air and Nitrogen
Accessories	Three feet of Tubing (3/8 and ½ inch dia)
Compliance	ISO 8573-4 works with portable particle counters