

INSTRUCTION SHEET

Safety Instruction Sheet for Pressure Reducer and Gas-Liquid Separator

The pressure reducer and gas-liquid separator (PN 952-033-G1) reduces the sample pressure and filters out liquid particulates in the sample before it enters Micro GC Fusion. Please read the safety instructions in this document before allowing a pressurized sample to enter Micro GC Fusion.



WARNING

The pressure reducer and gas-liquid separator is rated for 3,450 kPa (500 psi) input sample pressure. Exceeding this pressure limit may result in component failure or cause personal injury.



WARNING

Safely vent potentially toxic, noxious, or flammable sample streams away from the operating area into a fume hood, chemical trap, or reaction medium.



WARNING

Gas pressure on the device venting port may be at the same pressure as the pressurized sample input. Extreme caution must be taken when venting the high pressure sample to avoid personal injury.



CAUTION

If the flow rate through the device exceeds 100 mL/min, the output pressure from the device to Micro GC Fusion may exceed the acceptable pressure range, causing instrument damage.



CAUTION

Blocking off the venting port during operation significantly increases the output pressure from the device to Micro GC Fusion. When this happens, the Micro GC Fusion connected to the device may be damaged if the incoming sample pressure is greater than 172 kPa (25 psi).



CAUTION

Ensure the vent tubing is sloped downward to prevent liquid accumulation in the tubing.

Please refer to the Micro GC Fusion Operating Manual for the device installation procedure.



www.inficon.com reachus@inficon.com

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