

SOP for :  
He specific Super Clean Cartridge system ®  
Please read the manual before installation !!



### 1. Installation of a base plate for gas-specific usage

**This type of base plate for gas-specific usage as carrier gas system has normally only 1 position ; these instructions are valid for new installations of the base plate.**

- a. shut off the incoming gas
- b. cut the gas line, using an appropriate metal tubing cutter
- c. Connect the gas line from the gas supply to the base plate inlet **(1)**. Shortly open gas supply and flush for a few seconds (making sure no particles are inside tubing). Shut off gas
- d. Connect outlet of base plate **(2)** to GC inlet
- e. Mount flush cap **(4)** on the base plate ; make sure, that the flush cap **(4)** is well mounted on the base plate ; push cap down during mounting procedure
- f. attach base plate, using mounting holes **(3)** or an optional wall mounting bracket
- g. Turn on gas supply
- h. Flush during a **few minutes** using a high split ratio on the GC. In case only a cool on-column inlet is used, a high flow through the inlet can be obtained by removing the septum cap from the GC inlet
- i. Turn off gas supply
- j. Turn the knurled ring anti-clockwise and then pull off the special flush-/storage foot



- k. **Immediately** than install Super Clean Gas filter cartridge ® on the base plate



- l. Turn on gas supply.

**Note-1 :** For the flushing of the gas filter cartridge, it is clear that a **high flow is beneficial**. The best way to realise this is by programming a high split ratio on the GC keyboard. Typically, the check-out column is operated at 1 ml/min. On the GC a 1/250 split ratio can be programmed. **After 15 min, the filter, gas lines and inlet are flushed.** The split ratio can be lowered or the system can now be operated in split-less mode.

**Note-2 :** as long as there is no filter cartridge connected to the base plate, this base will be closed and automatically close the gas flow and no gas will flow thru the system

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