

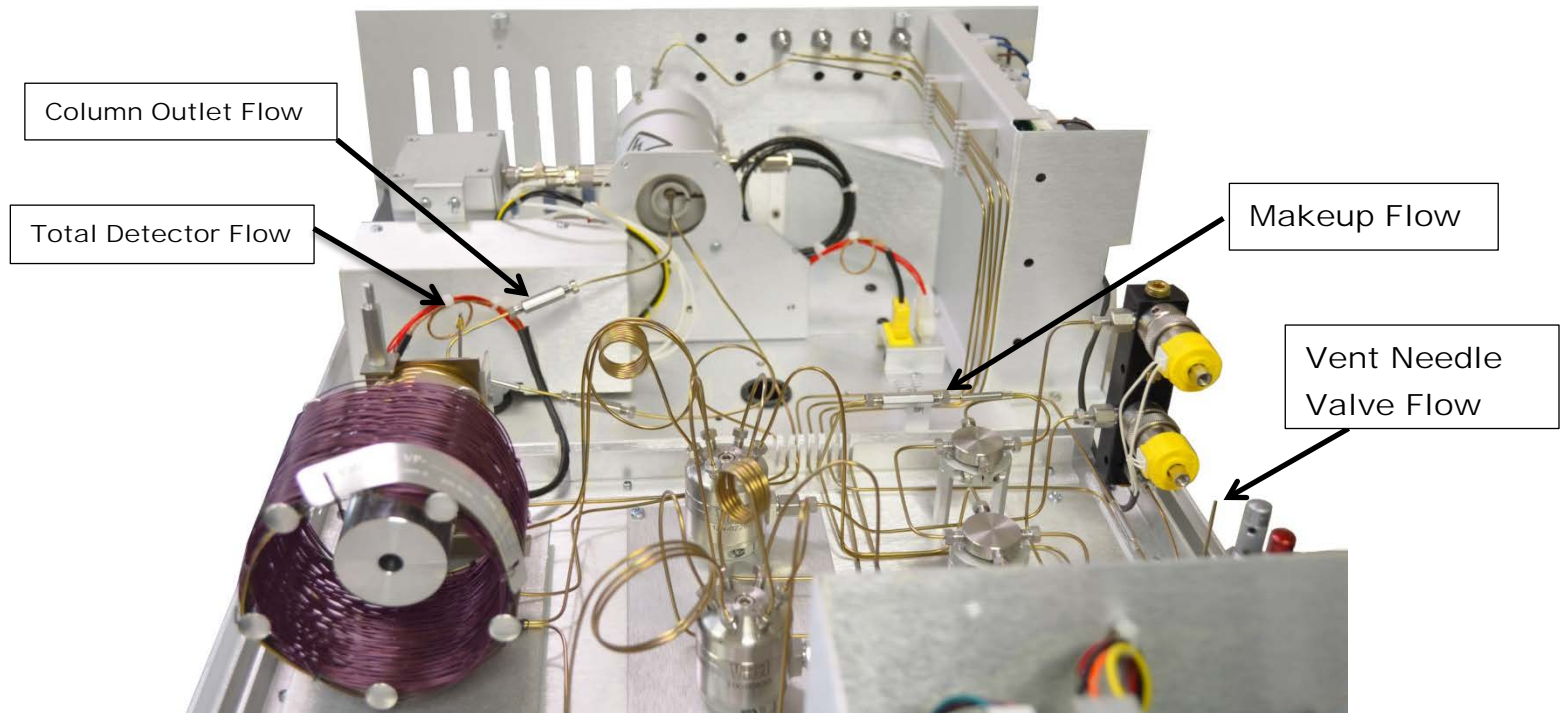
## Checking PDHID Flows:

\*\*Note: Flows Varies with Models Please Check Final Test Data

**Flow Meter Recommended:** Restek ProFlow 6000 Cat#22656



## Chassis Overview:



Makeup Flow: ~ 30- 70 cc/minute

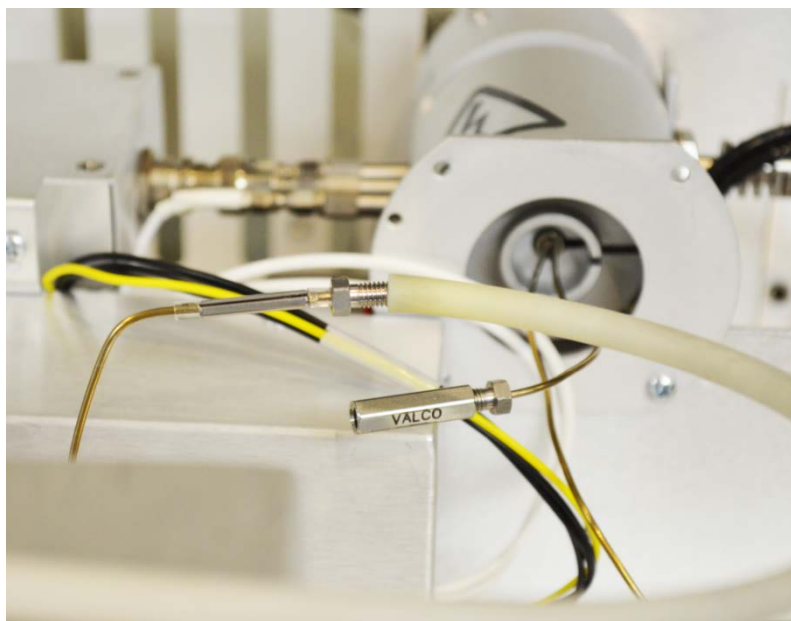


## Final Test Data

PDD PP1 S/N 703 Date: 3/26/2014

Column 1 Type : MS 5A 20um Length : 30m  
Column 2 Type : MS 5A 60/80 Length : 120"  
Sample Loop Size: 200 uL  
Carrier Type : He  
Carrier Pressure : 83.2 psig  
Column Outlet Flow : 54.3 cc/min  
PDD Make-up Flow : 31.2 cc/min  
Bypass Out Flow : 65.3 cc/min  
NV1(Red): 11.5 sccm V1&V2CW NV2(Silver): 59.2 sccm V1&V2CW

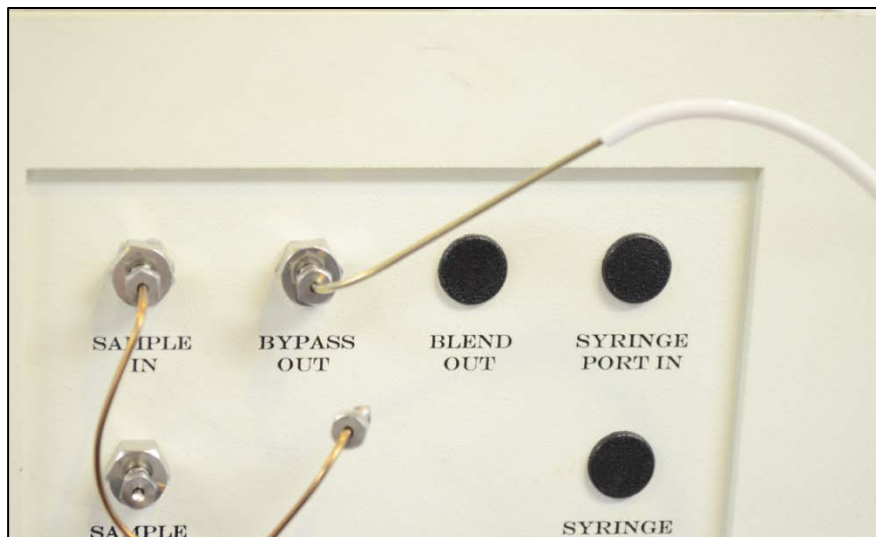
Column Outlet Flow: ~ 40-80 cc/minute



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NV1(Red): 11.5 sccm V1&V2CW NV2(Silver): 59.2 sccm V1&V

Front Bypass Flow: ~ 40-80 cc/minute



PDD PP1 S/N 703 Date: 3/26/2014

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Column 2 Type : MS 5A 60/80 Length : 120"

Sample Loop Size: 200 uL

Carrier Type : He

Carrier Pressure : 83.2 psig

Column Outlet Flow : 54.3 cc/min

PDD Make-up Flow : 31.2 cc/min

**Bypass Out Flow : 65.3 cc/min**

NV1(Red): 11.5 sccm V1&V2CW NV2(Silver): 59.2 sccm V1&V2CW

Vent Needle Valve (Silver Valve): ~ 40-70 cc/minute



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