

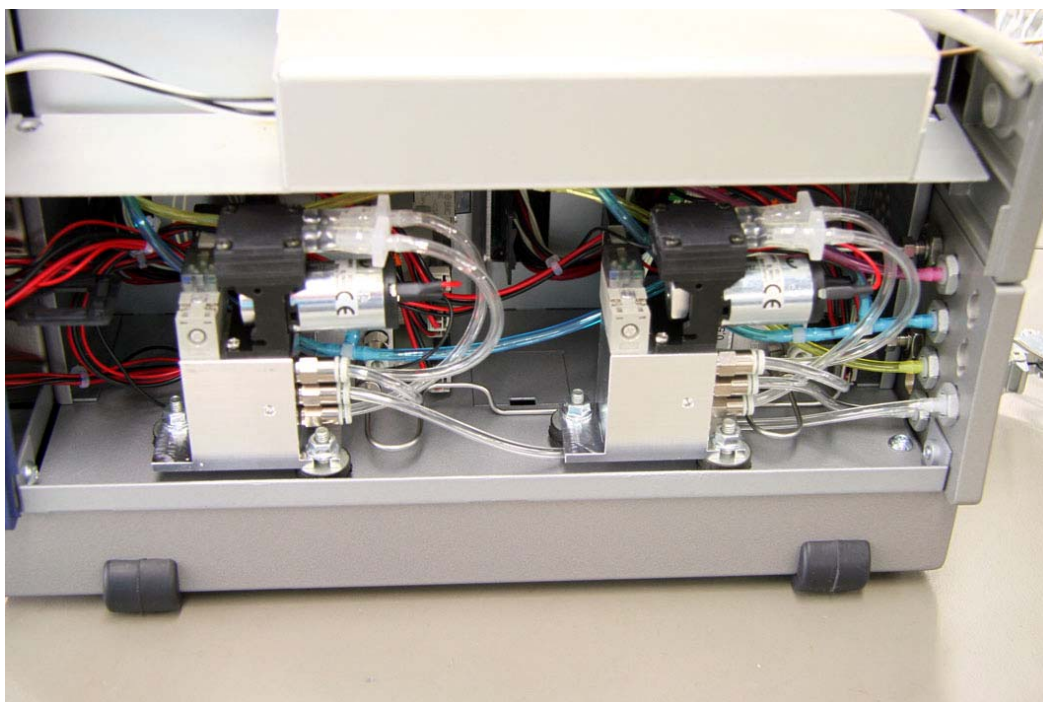


Field modification

Micro-GC

Dual Carrier Gas

2-Channel/4 Channel



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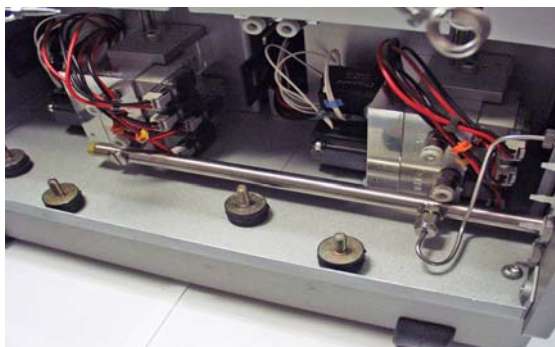
The upgrade kit CP490201 contains the following item:

Field upgrade kit separate carrier gas

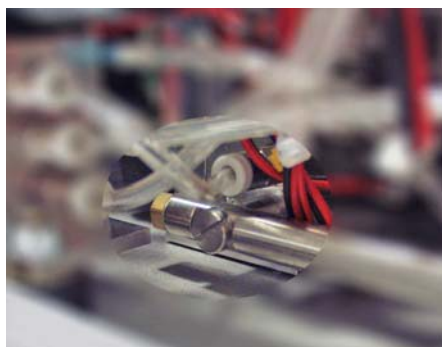
Item	Description	Partnumber	Quantity
1	Rear lower panel	CP739977	1
2	Bulkhead union	CP740585	2
3	Nut M8 x 1 Low	CP740204	2
4	SS tubing 1/16 x 1.0mm	VLT61C30	2
5	Valco nut 1/16	VLZN1	2
6	Valco ferrule	VLZF110	2
7	T-piece Swagelock	SWSS1003	2
8	SS nut 1/16	CP4401	4
9	Back&front ferrule	SWSS100SET	1
10	Male connector 1/16 x M4	CP740043	4
11	O-ring Viton	CP740029	4
12	Label for Carriergas 1	CP741948	1
13	Label for Carriergas 2	CP741949	1
14	Pump assy upgrade	CP74020680	1
15	Clear tubing	2815892301	1
16	Instruction guide	CP501394	1

Upgrade modification for dual carrier gas Micro-GC

- 1) Remove the pump(s), all tubing from the manifolds/modules , and the rear panel from the instrument.



- 2) Remove all carrier gas connections.



- 3) Remove the vent connectors and bulkhead union (if present) from the "old" rear panel and install on this "new" rear panel, complete the rear panel with two bulkhead unions for the separate carrier gas.

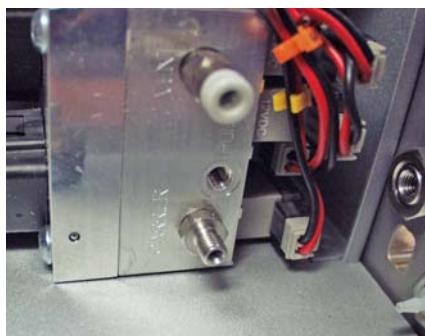


- 4) Install the Viton O-ring on the Male connector for the manifold connection.

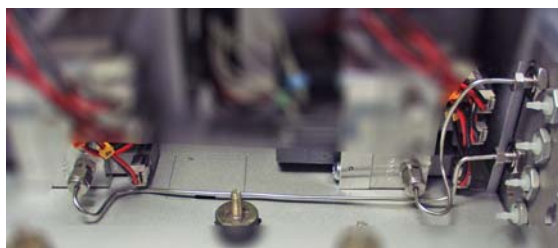


Male connector 1/16 x M4 (P/N CP740043)
Viton O-ring (P/N CP740029)

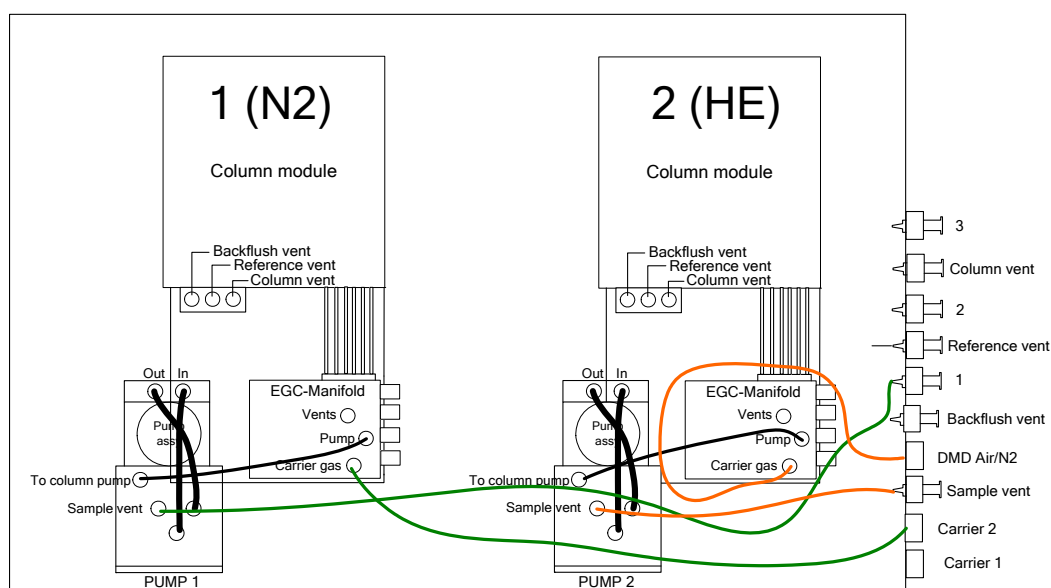
- 5) Connect the male connector to the manifold "carrier" connection.



- 6) Reconnect the "new" rear panel .
- 7) Adjust the length of the SS tubing to connect from the rear panel to the manifold connection depending on the configuration of the instrument.
Connect the 1/16" nut and SS back/front ferrule on the SS tubing and connect to the Male connector.



- 8) Install the 2 sample pumps.



Note: Colored tubing is only indication (instrument use clear tubing for pump connections)

- 9) Connect the sample vent (green) from PUMP 1 to the rear panel at “vent 1”
- 10) Connect the sample vent (orange) from PUMP 2 to the rear panel at “sample vent”.
- 11) Attach the Label Carriergas 1 (CP741948) over the screen text DMD Air/N2.



- 12) Detailed view 2-Channel instrument

