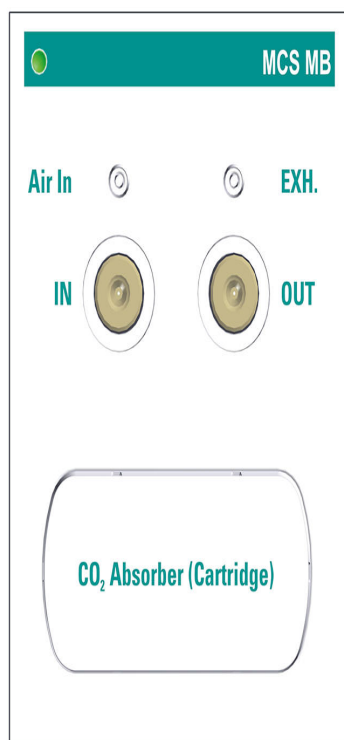




OMNIS MCS MB Unit

2.1056.0720

The OMNIS MCS MB Unit serves as a CO₂ suppressor in the OMNIS IC System and is specifically suited for microbore columns. The Metrohm CO₂ Suppressor (MCS) removes CO₂ from the eluent flow. Together with the MSM, the MCS acts as a sequential suppressor. This lowers the background conductivity and reduces the baseline noise, which improves detection sensitivity. The system peak is minimized.

In the MCS, the eluent flows through a capillary that is permeable for gases. A vacuum pump is used to create a difference in pressure and concentration and the CO₂ is diffused out of the capillary in the eluent flow. To remove the CO₂ from the MCS, a constant CO₂-free air flow is drawn through the air inlet.

Learn more about sequential suppression: Monograph Ion Chromatography.

Specifications:

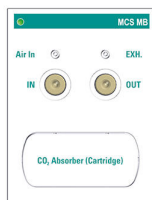
- Time to establish vacuum: 10 s
- Flow path: Free of metal

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 2.1056.0720

Order Number	Description	Quantity
6.02837.110	CO2 Absorber (Cartridge) Absorber cartridge for removing CO ₂ from the air drawn in by the OMNIS MCS unit ensures that the baseline remains stable and consistent.	1 PCS
		
6.01831.150	PEEK capillary MCS – COND, 120/0.18 mm Pre-cut PEEK capillary with identification label for OMNIS IC	1 PCS
		

1.1056.0720

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1 PCS

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Optional accessories

6.02837.110

CO₂ Absorber (Cartridge)

Absorber cartridge for removing CO₂ from the air drawn in by the OMNIS MCS unit ensures that the baseline remains stable and consistent.

