



OMNIS Actuator Unit

2.1056.0410

The OMNIS Actuator Unit functions as a drive for various injectors, selectors, and the OMNIS MSM Unit in the OMNIS IC System:

- In combination with an injector valve, the OMNIS Actuator Unit is used for the injection of sample into the flow of the eluent.
- Equipped with a selector valve, the OMNIS Actuator Unit serves as a toggle switch between multiple liquids.
- Together with a suppressor rotor, the OMNIS MSM Unit forms a Metrohm Suppressor Module (MSM). The MSM serves as a chemical suppressor in the OMNIS IC System.

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 2.1056.0410

Order Number	Description	Quantity
1.1056.0410	OMNIS Actuator Unit The OMNIS Actuator Unit functions as a drive for various injectors, selectors, and the OMNIS MSM Unit in the OMNIS IC System: – In combination with an injector valve, the OMNIS Actuator Unit is used for the injection of sample into the flow of the eluent. – Equipped with a selector valve, the OMNIS Actuator Unit serves as a toggle switch between multiple liquids. – Together with a suppressor rotor, the OMNIS MSM Unit forms a Metrohm Suppressor Module (MSM). The MSM serves as a chemical suppressor in the OMNIS IC System.	1 PCS



Optional accessories

6.02842.040

Rotor housing



Rotor housing to upgrade an OMNIS Actuator Unit into an OMNIS MSM Unit.

6.05332.130

OMNIS IC equip.: AutoSwitch



Accessory set for AutoSwitch in OMNIS IC: Many samples require analysis of multiple analytes, such as anions and cations. The OMNIS IC M can be easily upgraded to perform AutoSwitch analysis. This enables automated serial execution, for example, of anion and cation analyses. Automatic switching between different analyses is possible with an additional injector and two 3 /2-way valves.

Prerequisites:

OMNIS IC M, including:

- available OMNIS Actuator Unit equipped with 6/2 or 7/3 injector (minimum 1 x 7/3 injector is required)
- available position on the OMNIS Column Thermostat Unit
- AS/ASCOOL equipped with 1x switching valve 3/2, M6 and 1x switching valve 3/2, UNF

6.05801.170

Injector 6/2 kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 6/2 injector with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 35 MPa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.180

Injector 7/3 kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 7/3 injector with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 35 Mpa

Prerequisites:

2.10560.410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.190

Injector 4/2, 0.25 µl kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 4/2, 0.25µL internal loop injector with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 24 MPa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.200

Injector 4/2, 1.0 µl kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 4/2, 1.0 µL internal loop injector with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 24 MPa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.210

Injector 8/2 kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 8/2 injector with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 35 Mpa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.220

Injector 10/2 kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 10/2 injector with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 35 Mpa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.230

Selector 10/1, LP kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 10/1 Selector, low-pressure with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.75 mm
- Rotor material: Valcon E
- Stator material: PPS
- Maximum pressure: 2 Mpa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.05801.240

Selector 10/1, HP kit



Upgrade kit to extend the OMNIS Actuator Unit with a metal-free 10/1 Selector, low-pressure with UNF 10/32 connections.

Injector specifications:

- Bore ID: 0.4 mm
- Rotor material: Valcon E
- Stator material: PAEK/Carbon Fiber
- Maximum pressure: 35 Mpa

Prerequisites:

210560410 OMNIS Actuator Unit

Info: This upgrade must be installed by an authorized Metrohm service technician.

6.2832.000

MSM Rotor A



Suppressor rotor for all IC instruments with MSM (Metrohm Suppressor Module)

6.2842.000

MSM-HC Rotor A



Suppressor rotor for all IC instruments with MSM-HC (Metrohm Suppressor Module with high capacity)

6.2842.020

Adapter sleeve, MSM



Not only the MSM Rotor A but also the MSM-LC Rotor A can be installed in the rotor housing with the aid of the adapter sleeve.

6.2842.200

MSM-HC Rotor C



Suppressor rotor for all IC instruments with MSM-HC drive (Metrohm Suppressor Module with high capacity) for cation suppression.

6.2844.000

MSM-LC Rotor A



Suppressor rotor for use with 2 mm columns.