

OMNIS IC M COND/MSM/MCS/PP/DEG/DD/ROLC

2.1051.0020

The OMNIS IC M COND/MSM/MCS/PP/DEG/ DD/ROLC is the high-class single channel instrument in the OMNIS IC world. It is provided as a pre-installed, ready-to-use sales version with an OMNIS High-Pressure Pump Unit, an OMNIS Actuator Unit, an OMNIS Conductivity Detector Unit, an OMNIS MSM Unit, an OMNIS MCS Unit, an OMNIS Degasser Unit, an OMNIS Peristaltic Pump Unit with two channels, and OMNIS Dosing Drive Unit. It features a transparent door for easy access and a Reagent Organizer Liquid Control.

The integrated OMNIS Column Thermostat Unit 1 features a removable column tray with intelligent column chip technology and regulates the column temperature (5–80 °C, depending on ambient temperature). The column thermostat is intended for single-column use, but can be upgraded to support two columns at any time. For sample transport and injection, a peristaltic pump and a 7/3-port valve are integrated.

For high-throughput applications, the OMNIS IC M COND/MSM/MCS/PP/DEG/DD/ROLC comes with an OMNIS MISP Unit for integrated sample preparation. The OMNIS MISP Unit provides complete flexibility to add Metrohm Inline Sample Preparation (MISP) options, perfectly tailored to the application needs, such as Ultrafiltration, Metrohm intelligent Partial Loop Injection Technique (MiPT), or can be used as a holder for a trap column. These MISP techniques enhance efficiency and accuracy while reducing the manual steps usually involved in sample preparation.

The built-in Multi Flow Monitor Unit enables smart flow monitoring for up to four channels. It detects flow trend variations, for example, induced by worn tubing or fouled filtration membranes, and can trigger software actions to minimize disturbances.

The included Reagent Organizer Liquid Control functions not only as a holder for liquids and eluent bottles but also has an integrated light that illuminates the instrument's interior when at least one door is open. The integrated leak and level sensors are monitored by the OMNIS software and support automatic eluent production and liquid level control.

The OMNIS IC instrument is foreseen to be placed on an autosampler. There is the free choice to add an integrated OMNIS IC Autosampler or an OMNIS IC Autosampler COOL for full automation; alternatively, it can be placed on a baseplate, for example, in case of a double tower solution.

The OMNIS IC instrument is compatible with the 947 Professional UV/VIS Detector Vario and the 945 Professional Detector Vario – Amperometry, expanding the options for detection.

The OMNIS IC M COND/MSM/MCS/PP/DEG/DD/ROLC serves as a flexible, high-throughput single-channel device. Additional upgradeability with OMNIS Extension Modules broadens its capabilities to meet future demands, such as dual-channel ion chromatography or extended liquid handling functions.

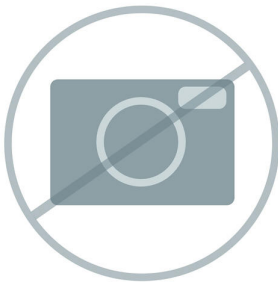
The high-class OMNIS IC M instrument is the ideal choice for qualified or sophisticated applications requiring sequential suppression and temperature-controlled column conditions, such as oxyhalide analyses or suppressed cations analyses in various matrices. Due to integrated sample preparation, even complex matrices can be handled, while manual workload is minimized and accuracy is increased.

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 2.1051.0020

Order Number	Description	Quantity
1.1051.0020	OMNIS IC M COND/MSM/MCS/PP/DEG/DD/ROLC 1 PCS	
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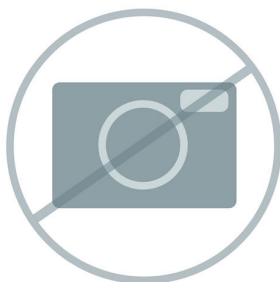
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6.02050.200

Flaschenniederhalter, ROLC

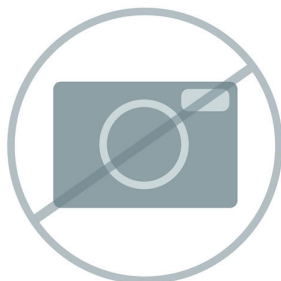
3 PCS



6.02744.010

flanschlose Verschraubung M6, 1/8", 2 Stk.

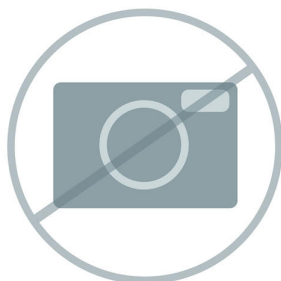
1 PCS



6.02837.040

Filterrohr

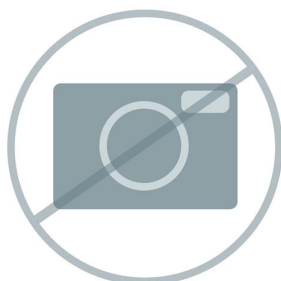
1 PCS



6.05000.000

Accessory kit: OMNIS IC

1 PCS



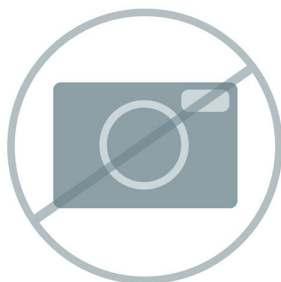
OMNIS IC accessory set required for installation, daily work, and maintenance.

The set contains the most necessary tools and accessories for simple tasks related to the OMNIS IC device.

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Accessory kit: Bottle OMNIS IC, PP, 2 L

2 PCS

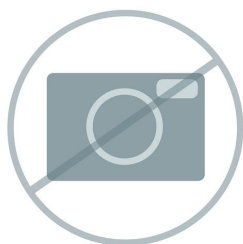


OMNIS IC accessory set to install the reagent bottle onto the Reagent Organizer / Reagent Organizer Liquid Control.

Optional accessories

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OMNIS Extension Module



The OMNIS Extension Module serves as an extension module for an OMNIS IC and is always operated together with a main module. An OMNIS IC can thus be expanded to a maximum of 5 levels. An OMNIS Extension Module can accommodate up to 5 functional units, such as the OMNIS Degasser Unit, OMNIS High-Pressure Pump Unit or OMNIS Conductivity Detector Unit.

2.945.0020

945 Professional Detector Vario – Amperometry



Intelligent stand-alone detector equipped with the IC Amperometric Detector. Outstanding selectivity due to the four measuring modes: DC, PAD, flexIPAD, CV. The excellent signal /noise ratio and the very fast start-up guarantee the highest in measurement precision. For use with intelligent IC instruments or as independent detector.

2.947.0020

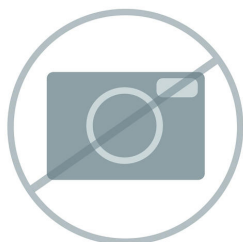
947 Professional UV/VIS Detector Vario MW



As an intelligent, multi-wavelength detector, the 947 Professional UV/VIS Detector Vario MW permits a secure and reliable quantification of substances active in the ultraviolet or visible range. Up to eight wavelengths can be freely selected. A diode array is used for detection.

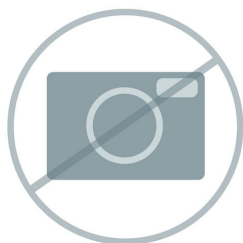
6.05000.100

**Installations-Kit: OMNIS IC M
/L**



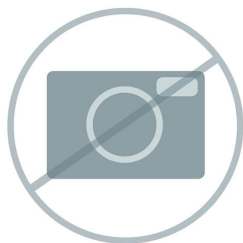
6.05000.120

**Installations-Kit: Kabel OMNIS
IC M**

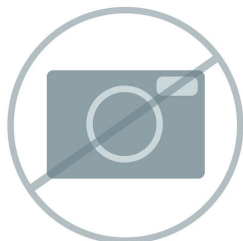


6.05331.010

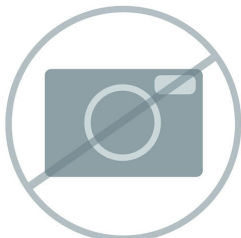
OMNIS IC-Ausr.: D-INJ, DD



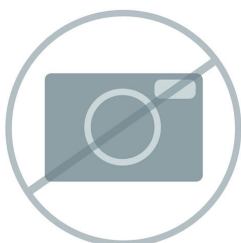
OMNIS IC-Ausr.: UF, PP/DD



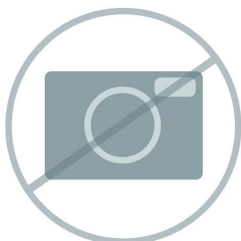
OMNIS IC-Ausr.: MIDT



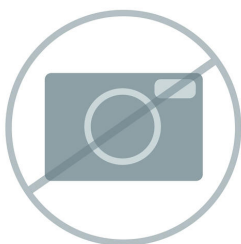
OMNIS IC-Ausr.: UF, PP/PP



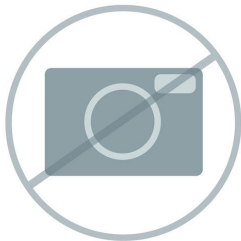
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/DD**



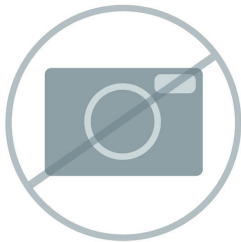
OMNIS IC-Ausr.: MiPT



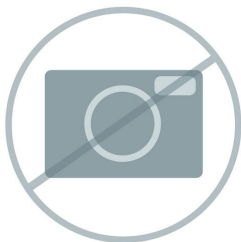
OMNIS IC-Ausr.: UF-MiPT, PP
/DD



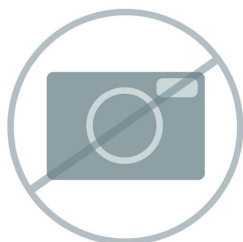
OMNIS IC Ausr.: Container 10
L, LC



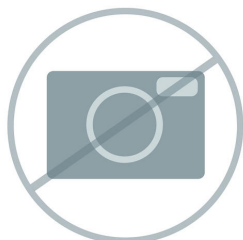
OMNIS IC Ausr.: Kansiter 10 L,
Ablauf



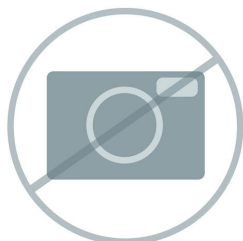
**OMNIS IC-Ausr.: HPP-
Kolbenhinterspülung, DD**



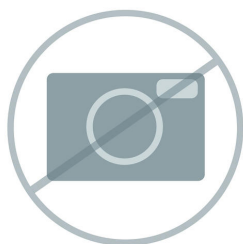
OMNIS IC-Ausr.: DD Reg.



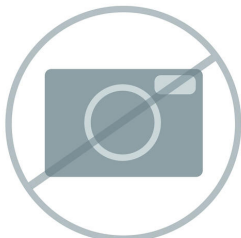
OMNIS IC-Ausr.: Bodenplatte



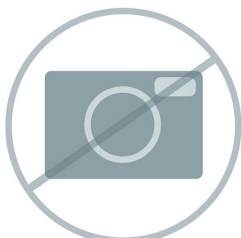
OMNIS IC-Ausr.: PCR, DD



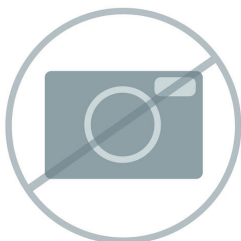
OMNIS IC Ausr.: EPOD



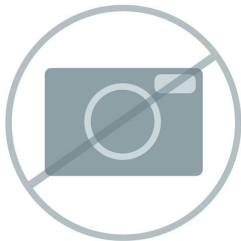
**OMNIS IC-Ausr.: Dose-in
Gradient**



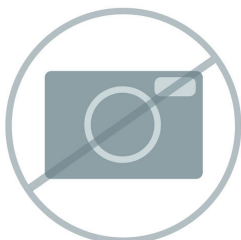
**OMNIS IC Ausr.: DD Reg.,
Spülen**



OMNIS IC-Ausr.: Zwei-Turm-Setup



OMNIS IC-Ausr.: AnCat Switch



6.05801.290

Ablaufkit, M

