

TECHNICAL PRODUCT INFORMATION

Electrochemical instruments

- ▶ high - quality
- ▶ moderate prices
- ▶ excellent precision

Your contact:

Technical support, services, demo & rental equipment, price information & quotes, consulting:

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Web: www.ektechnologies.de

Shop: www.lxinstruments.com/shop/elektrochemie/



REFERENCE ELECTRODES

Ag/AgCl STANDARD REFERENCE ELECTRODES

- MF-2052** RE-5B Ag/AgCl (3M NaCl) Reference Electrode with Flexible Connector
- MF-2056** RE-5B Ag/AgCl (3M KCl) Reference Electrode with Flexible Connector

Ag/AgCl ELECTROCHEMICAL FLOW CELL REFERENCE ELECTRODES

- MW-2030** RE-6 Reference Electrode with Flexible Connector
- MW-2021** RE-4 Ag/AgCl Reference Electrode
- MF-2062** Non-aqueous Ag/Ag⁺ Reference Electrode Kit



OTHER REFERENCE ELECTRODES

- EF-1352** Calomel Reference Electrode
- EF-1354** Hg₂SO₄ (sat. K₂SO₄) Chloride-Free Reference Electrode
- EF-1369** Hg/HgO (1M NaOH, NaOH not included) Alkaline Reference Electrode
- MF-2063** Cu/CuSO₄ Reference Electrode

WORKING ELECTRODES

STANDARD DISC ELECTRODES

- MF-2012** Glassy Carbon Electrode (GC) – 3.0 mm diameter (2.997 mm-2.972 mm)
- MF-2010** Electrode Body 2.87 mm ID Carbon Paste Electrode (CP)
(CF-1010 carbon paste sold separately)
- EF-1368** Edge Plane Pyrolytic Graphite Electrode – 3.0 mm diameter
- MF-2110** Copper Electrode (Cu) – 3.0 mm diameter
- MF-2014** Gold Electrode (Au) – 1.6 mm diameter (1.651 mm-1.626 mm), 99.95% purity
- MF-2114** Gold Electrode (Au) – 3.0 mm diameter (2.997 mm-2.972 mm), 99.95% purity
- MF-2016** Nickel Electrode (Ni) – 3.0 mm diameter (2.997 mm-2.972 mm), 99.90% purity
- MF-2018** Palladium Electrode (Pd) – 3.0 mm diameter (3 mm-2.975 mm) 99.99% purity
- MF-2013** Platinum Electrode (Pt) – 1.6 mm diameter (1.651 mm-1.626 mm), 99.95% purity
- MF-2113** Platinum Electrode (Pt) – 3.0 mm diameter (2.997 mm-2.972 mm), 99.95% purity
- MF-2011** Silver Electrode (Ag) – 1.6 mm diameter (1.588 mm-1.562 mm), 99.95% purity
- Ask BASi** Custom Voltammetry Electrodes: (Al, Ir, Ti, Ta, etc.)



EXTRAS

- CF-1010** Carbon Paste (CPO) (1 g): paste of uniform graphite particles mixed with a paraffin binder (for use in aqueous media)
- MF-2024** Working Electrode Holder (Cu alligator clip)

MICROELECTRODES

- MF-2005** Platinum (Pt) Microelectrode – 10 μm
- MF-2006** Gold (Au) Microelectrode – 10 μm
- MF-2007** Carbon Fiber Microelectrode – 11 μm (±2 μm)
- MF-2150** Platinum (Pt) Microelectrode – 100 μm



CORPORATE HEADQUARTERS

2701 Kent Avenue, West Lafayette, IN 47906
800.845.4246 | 765.463.4527 | BASinc.com



WORKING ELECTRODES (CONT.)

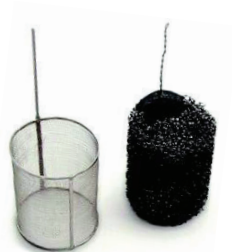
FLOW CELL ELECTRODES

- MF-1000** Dual Glassy Carbon Electrode – 3 mm
- MF-1002** Dual Gold (Au) Electrode – 3 mm
- MF-1008** Dual Silver (Ag) Electrode – 3 mm
- MF-1012** Dual Platinum (Pt) Electrode – 3 mm
- MF-1004** Carbon Paste Electrode – 3 mm (requires CF-1010 Carbon Paste)
- MF-1095** Single Glassy Carbon Electrode
- MF-1032** Single Silver (Ag) Electrode – 3 mm
- MF-1030** Single Gold (Au) Electrode – 3 mm
- MF-1031** Single Platinum (Pt) Electrode – 3 mm
- MF-1015** Single Glassy Carbon Electrode – 6 mm



HIGH SURFACE AREA ELECTRODES

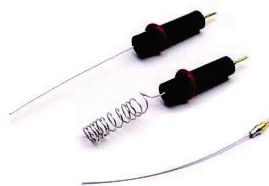
- MF-2077** Reticulated Vitreous Carbon Electrode
Dimensions: 50 mm high, 40 mm diameter, 5 mm thick, 10.5 cm² surface area
- NM-D001** Platinum Gauze (90/10 platinum/iridium alloy) Outer Electrode
Dimensions: 50.0 mm height, 38.0 mm diameter, 16.0 g weight
- NM-D002** Platinum Gauze (90/10 platinum/iridium alloy) Inner Electrode
Dimensions: 40.0 mm height, 32.0 mm diameter, 14.0 g weight
- MW-4132** Platinum Mesh Electrode
Dimensions: 2.0 cm x 2.0 cm, 0.1 mm wire diameter, 99.9% purity



COUNTER/AUXILIARY ELECTRODES

PLATINUM WIRE AUXILIARY ELECTRODES

- MW-1032** Platinum Wire Auxiliary Electrode (7.5 cm; with gold-plated connector, mounted in CTFE cylinder)
For use with the C-2 and the C-3 Cell Stands.
- MW-1033** Coiled Platinum Wire Auxiliary Electrode (23 cm; with gold-plated connector and mounted in CTFE cylinder)
For use with the RDE-1, the RDE-2, and the Bulk Electrolysis Cell (MF-1060).
- MW-4130** Platinum Wire Auxiliary Electrode (6.5 cm; with gold-plated connector)
For use with the C-1 Cell Stand, the VC-2 Voltammetry Cell, and Low Volume Cell for the C-2 and C-3 Cell Stands.
- MW-4131** Graphite rod electrode (6 mm diameter and 7.5 cm height; with a gold-plated connector)
- MW-4132** Platinum mesh electrode (2.0 cm x 2.0 cm, 0.1 mm wire diameter, 99.9% purity)



AUXILIARY ELECTROCHEMICAL DETECTOR ELECTRODES FOR THIN-LAYER FLOWCELL

- MF-1093** Cross-Flow Electrode with Downstream Reference
- MF-1092** Cross-Flow Electrode with Reference Port
- MF-1091** Radial-Flow Electrode



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