

Accessories

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Part #	Description	More Info	Unit
CHI101	2 mm diameter Gold Working Electrode	Figure	1
CHI102	2 mm diameter Platinum Working Electrode	Figure	1
CHI103	2 mm diameter Silver Working Electrode	Figure	1
CHI104	3 mm diameter Glassy Carbon Working Electrode	Figure	1
CHI105	12.5 µm diameter Gold Microelectrode	Photo	1
CHI106	25 µm diameter Gold Microelectrode	Photo	1
CHI107	10 µm diameter Platinum Microelectrode	Photo	1
CHI108	25 µm diameter Platinum Microelectrode	Photo	1
CHI111	Ag/AgCl Reference Electrode w/ porous Teflon Tip	Figure	1
CHI112 [♦]	Non-Aqueous Ag/Ag ⁺ Reference Electrode w/ porous Teflon Tip	Fig. and Note	1
CHI115	Platinum Wire Counter Electrode	Figure	1
CHI116	10 µm diameter Platinum SECM Tip	Photo	1
CHI117	25 µm diameter Platinum SECM Tip		1
CHI120 [★]	Electrode Polishing Kit	PDF and Note	1
CHI125A	Polished, Bounded, Mounded 100A Ti + 1000 A Gold Crystal for EQCM		1
CHI127	EQCM Cell	Photo	1
CHI128	Reference Electrode for EQCM Cell		1
CHI129	Pt Wire Counter Electrode for EQCM Cell		1
CHI130	Thin-Layer Flow Cell	Photo	1
CHI131	GC Working Electrode for Flow Cell		1
CHI132	Au Working Electrode for Flow Cell		1
CHI133	Pt Working Electrode for Flow Cell		1
CHI134	Reference Electrode for Flow Cell	PDF	1
CHI135	25 mm Spacer for Flow Cell		4/pk
CHI140A	Spectroelectrochemical Cell (does not include ref. electrode 012167/012171)	PDF	1
CHI150	Calomel Reference Electrode	PDF	1
CHI151	Mercury/Mercurous Sulfate Reference Electrode	PDF	1
CHI152	Alkaline/Mercury Oxide Reference Electrode	PDF	1
CHI172-xxx	Electrode leads for model number xxx (where xxx = 600, 710B, etc.)	Photo	1
CHI172-1000	Electrode leads for CHI1000 Series model number		1
CHI172-1000A	Electrode leads for CHI1000A series instrument model number		1
CHI172-1000B	Electrode leads for CHI1000B series instrument model number		1
CHI172-684	Electrode leads for CHI684 multiplexer		1
CHI173-xxx	Printed paper user manual for instrument model xxx		1
CHI200 [•]	Picoamp Booster and Faraday Cage	Note	1
CHI201	Picoamp Booster		1
CHI202	Faraday Cage		1
CHI220 [▲]	Simple Cell Stand	Figure	1
CHI221 [■]	Cell Top (including Pt wire counter electrode; not a CHI220 replacement part)	Note	1
CHI222	Glass Cell		1
CHI223 [■]	Teflon Cap	Note	1
011066	Cable Kit for IDA electrode		1
011121	QCM Flow Cell Kit (no ref electrode)		1
012026	EQCM Flow Cell Kit (no ref electrode)		1
012125	IDA Gold Electrode	PDF	1
012126	IDA Platinum Electrode	PDF	1
012127	IDA Carbon Electrode	PDF	1
012167	Ag/AgCl Reference electrode for CHI140A		1
012181	CS-3A Cell stand		1
SE101	3mm diameter Printed carbon electrode (single working electrode) for aqueous solutions	PDF	40/pk

Part #	Description	More Info	Unit
TE100	Printed Electrodes (3-electrode configuration) for aqueous solutions	PDF	40/pk

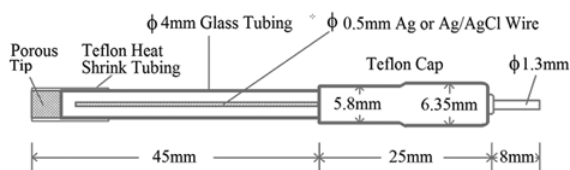
ALS Electrodes and Accessories



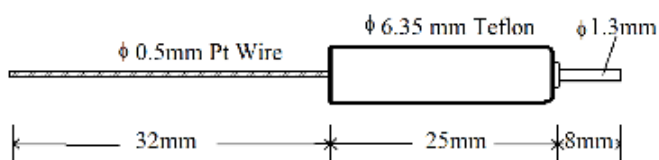
CHI101/102/103/104 Working Electrodes
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CHI105/106/107/108 Au/Pt Microelectrode
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CHI111/112 Reference Electrode
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CHI115 Pt Wire Counter Electrode

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CHI116 Pt SECM Tip
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CHI127 EQCM Cell

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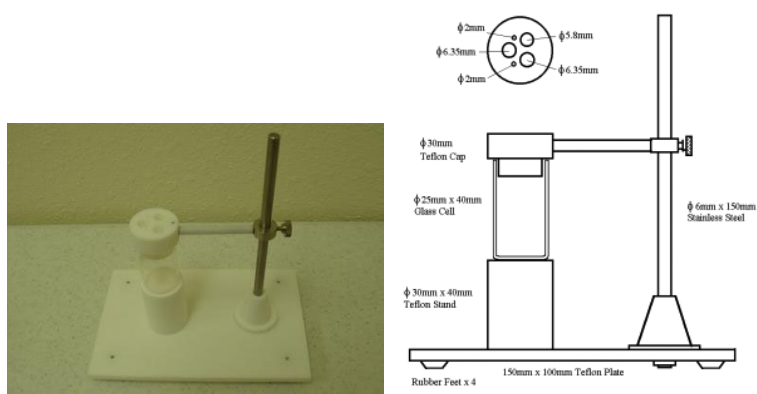
CHI130 Flow Cell

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CHI172 Electrode Leads

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CHI220 Simple Cell Stand

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Notes:

◆: For the **CHI112**, Ag^+ solution (typically 10 mM) should be prepared with the supporting electrolyte and AgNO_3 (not included). This solution is then filled into the reference electrode compartment using a syringe (not included). The instructions will come with the components.

★: The **CHI120 electrode polishing kit** contains 1 bottle of 1.0 micron Alpha alumina powder, 1 bottle of 0.3 micron Alpha alumina powder, 3 bottles of 0.05 micron Gamma alumina powder, 2 glass plates for polishing pads, 5 pieces of 73 mm diameter 1200 grit Carbimet disks (grey in color), 5 pieces of 73 mm diameter Mastertex polishing pads (white in color), and 10 pieces of 73 mm diameter Microcloth polishing pads (brown in color).

●: The **CHI200 Picoamp Booster and Faraday Cage** allow current measurements down to 1 pA. Usage is fully automatic and compatible with our model 600E and 700E series **instruments** (primary channel only).

▲: The **CHI220 Simple Cell Stand** is made of stainless steel and Teflon (see **figure**). Not remote-controllable. Four glass cells are included.

■: Not a replacement part for the **CHI220 Cell Stand**.

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