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+ 420 541 513 545

STARTING KIT

Type: STK

Description:

Starting kit is the set of twenty different electrochemical sensors to find the best one to fit your application. Starting kit contains 10 types of electrochemical sensors (2 sensors of each type), sensor connector KA1s.S and sensor box with numbered positions and silica gel.

List of sensors:

Position		Type of sensors
1	2	AC1.W2.RS
3	4	AC1.W2.R1 (DW = 2 mm)
5	6	AC1.W4.R1 (DW = 2 mm)
7	8	AC1.W1.RS
9	10	AC2.W1.R1
11	12	CC1.W2
13	14	CC2.W2
15	16	AC1.W3.RS
17	18	AC1P.W1.R1
19	20	AC1.WS.R2

A = Amperometric sensor or electrode **C = Conductometric sensor**
C = Corundum ceramic base
1 = Sensor group reference number
W - Working electrode material
S - Alloy of Gold and Platinum
1 - Pure Gold
2 - Pure Platinum
3 - Pure Silver
4 - Graphite
R - Reference electrode material
S - Silver
1 - Silver / Silver Chloride
2 - Silver covered by AgCl

Ordering information:

- The order is specified by whole product code
- Minimum order quantity - 1 starting kit
- Delivery time for standard STK is 4 weeks from receipt of order

Example of Order:

- 10 pieces - STK

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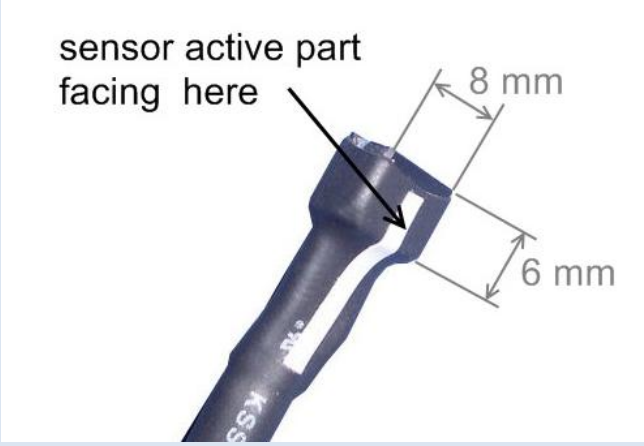
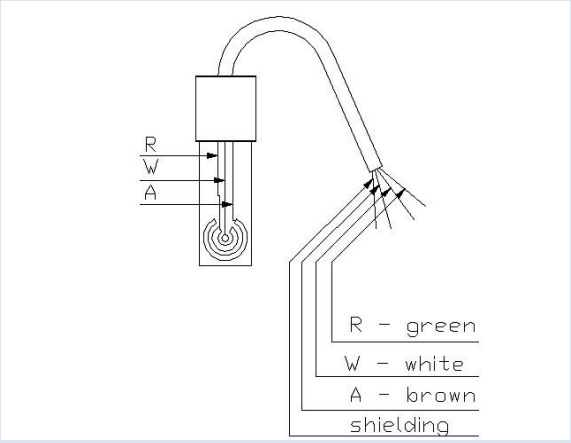
Description of Interconnection

Connector KA1s.S

Photo of sensor inserting part



Wiring



Sensor		Connector	Sensor
AC1, AC1P		R - Green	R
		W - White	W
		A - Brown	A
		Shielding	Not connected
AC2		R - Green	R
		W - White	W1
		A - Brown	W2
		Shielding	Not connected
CC1		R - Green	W1
		W - White	Not connected
		A - Brown	W2
		Shielding	Not connected
CC2		R - Green	W1
		W - White	W2
		A - Brown	W3
		Shielding	Not connected

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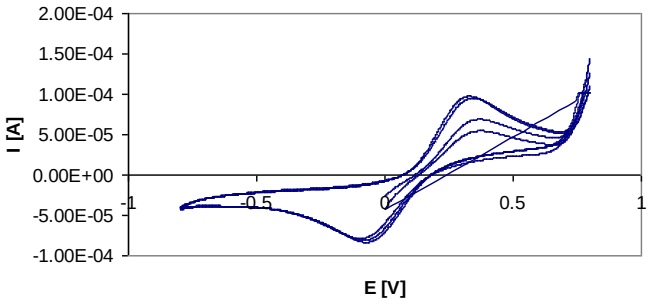
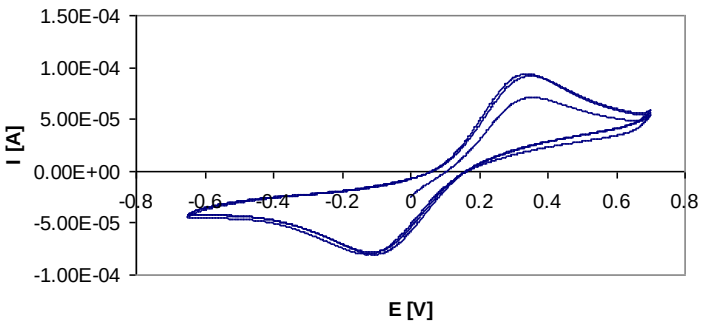
Additional Technical Parameters

Sensor AC1.W4.R1 d_{we}=2mm	I_a [µA]	E_a [mV]	I_c [µA]	E_c [mV]	ΔE [mV]
1	97,42	330	-83,38	-74	404
2	93,63	338	-80,16	-104	442

AC1.W4.R1_1, dwe=2mm

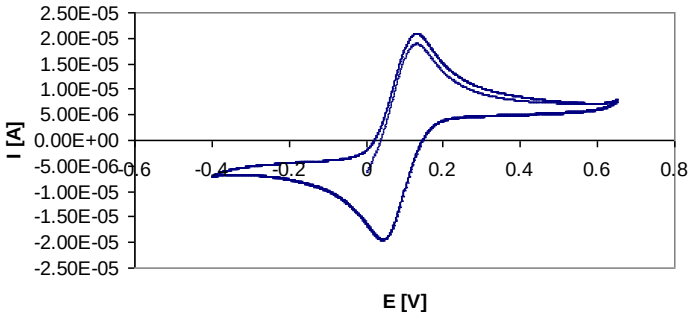


AC1.W4.R1_2, dw 2mm

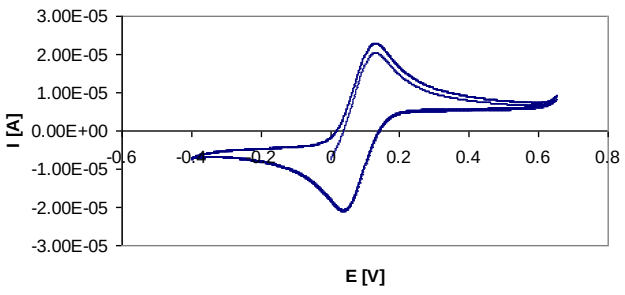


Sensor AC1.W2.RS d_{we}=2mm	I_a [µA]	E_a [mV]	I_c [µA]	E_c [mV]	ΔE [mV]
1	20,91	128	-19,40	42	86
2	22,92	128	-27,69	38	90

AC1.W2.RS_1, dwe=2mm

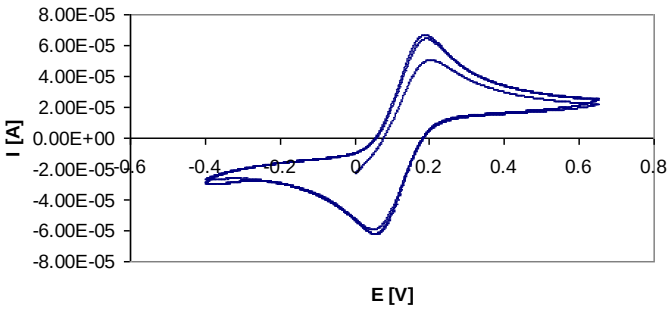


AC1.W2.RS_2, dwe=2mm

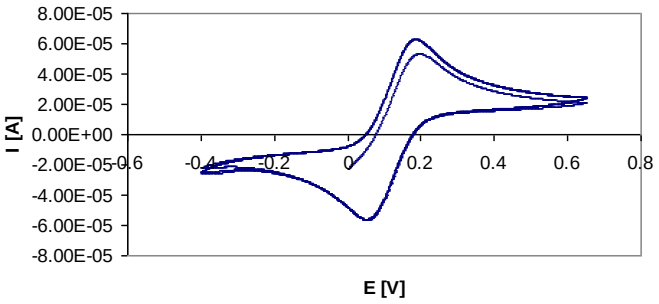


Sensor AC1.WS.R1 d_{we}=2mm	I_a [µA]	E_a [mV]	I_c [µA]	E_c [mV]	ΔE [mV]
1	44,39	186	-62,28	56	130
2	62,80	184	-56,53	50	134

AC1.WS.R1_1, dwe=2mm

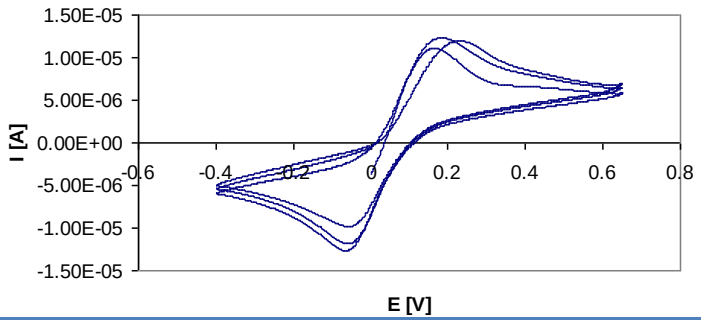


AC1.WS.R1_2, dwe=2mm

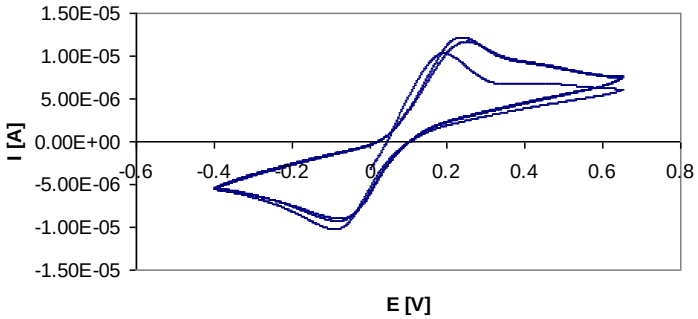


Sensor AC1.W1.RS d_{we}=2mm	I_a [µA]	E_a [mV]	I_c [µA]	E_c [mV]	ΔE [mV]
1	11,96	234	-9,83	-58	292
2	11,70	248	-9,01	-82	330

AC1.W1.RS_1, dwe=2mm

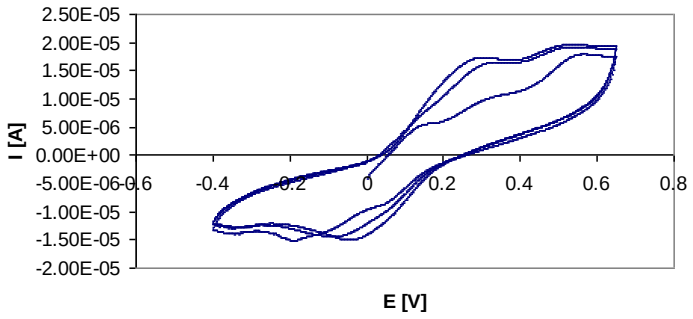


AC1.W1.RS_2, dwe=2mm

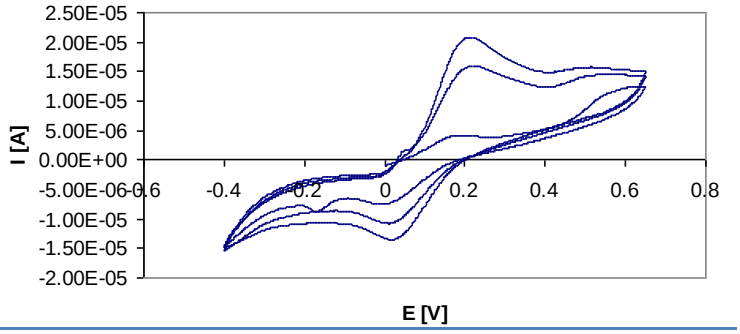


Sensor AC1.W1.R2 d_{we}=2mm	I_a [µA]	E_a [mV]	I_c [µA]	E_c [mV]	ΔE [mV]
1	17,25	290	-15	-44	334
2	20,83	214	-13,51	16	198

AC1.W1.R2_1, dwe=2mm

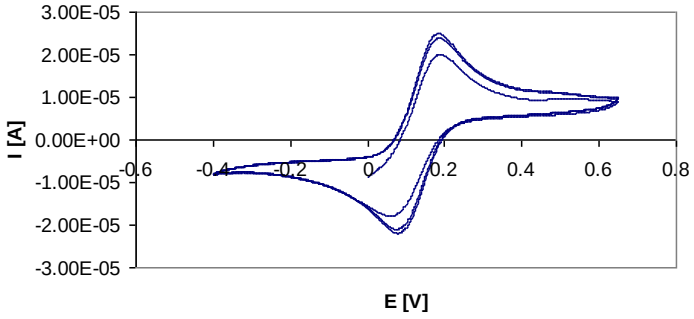


AC1.W1.R2_2, dwe=2mm



Sensor AC1.W2.R2 d_{we}=2mm	I_a [µA]	E_a [mV]	I_c [µA]	E_c [mV]	ΔE [mV]
1	24,92	184	-21,98	80	104
2	5,4	222	-4,34	2	220

AC1.W2.R2_1, dwe=2mm



AC1.W2.R2_2, dwe=2mm