

STARTING KIT

Type: STK.S

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), sensors connector KA1s.S and sensors box with numbered positions and silica gel.



Electrode materials are defined by:


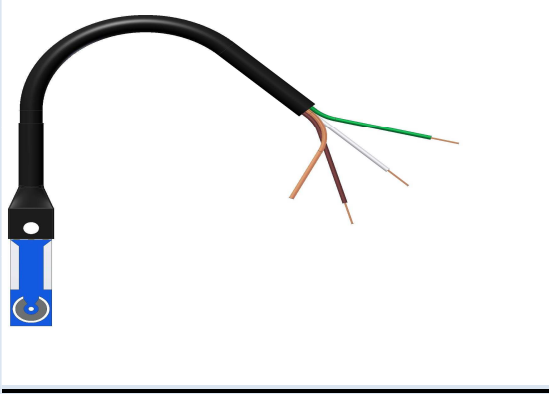




A - Amperometric sensor or electrode	2 - Pure Platinum
C - Conductometric sensor	3 - Pure Silver
C - Corundum ceramic base	4 - Graphite
1 - Sensor group reference number	R - Reference electrode material
W - Working electrode material	S - Silver
S - Alloy of Gold and Platinum	1 - Silver / Silver Chloride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

List of sensors

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

D_w - Material of working electrode

Description of Interconnection

Connector KA1s.S		
Photo of sensor inserting part		Wiring
		
	<u>Sensor</u>	<u>Connector</u> <u>Sensor</u>
<u>AC1, AC1P</u>		R - Green R W - White W A - Brown A Shielding Not connected
<u>AC2</u>		R - Green R W - White W1 A - Brown W2 Shielding Not connected
<u>CC1</u>		R - Green W1 W - White Not connected (NC) A - Brown W2 Shielding Not connected
<u>CC2</u>		R - Green W1

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.S

Additional Technical Parameters

Sensor AC1.W4.R1 D _w =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

Sensor AC1.W2.RS D _w =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

Sensor AC1.WS.R1 D _w =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

Sensor AC1.W1.RS D _w =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

Sensor AC1.W1.R2 D _w =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

Sensor AC1.W2.R2 D _w =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