

STARTING KIT FOR RDE

Type: STK.RDE

Description

Starting kit is the set of twenty different electrochemical sensors to find the best one to fit your application. Starting kit contains 8 types of electrochemical sensors and sensors box with numbered positions and silica gel.



Electrode materials are defined by:

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

List of sensors

Position	Type of sensors	
1	2	AC1.W2.RS
3	4	AC1.W2.R1 ($D_w = 2$ mm)
5	6	AC1.W4.R1 ($D_w = 2$ mm)
7	8	AC1.W1.RS
9	10	AC2.WS.R1
11	12	AC1P.W1.R1
13	14	AC1.WS.R2
15	16	AC4.W1
17	18	AC4.W1
19	20	AC4.W1

D_w - Material of working electrode

Ordering information

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

Example of Order

- 10 pieces - STK.RDE

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