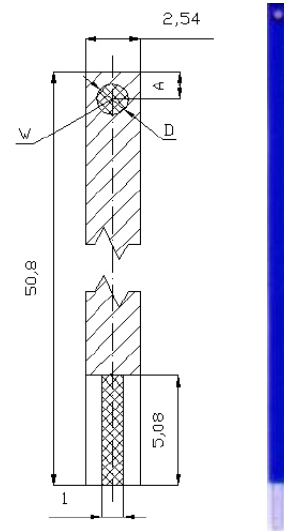


## ELECTROCHEMICAL SENSORS

Type: AC3.W\* (\*)

**Description:**

The sensor is formed on a corundum ceramic base. On to this surface the working electrode is applied. The working electrode is made of Gold in standard product AC3.WS. At the end of the sensor there is a contact which is connected with the active part by the silver conducting paths which are covered by a dielectric protection layer. A bio-chemically active substance is put on the working electrode of the sensor.



**Electrode Materials**

are defined by:

AC3.W\* (\*)

**Physical parameters:**

Weight: 0.3 gms  
 Length: 50.80 mm  
 Width: 2.54 mm  
 Thickness: 0.63 mm

The asterisk is replaced by the appropriate number or letter

A 1.25 ± 0.05 mm

A = Amperometric sensor or electrode	2 - Pure Platinum
C = Corundum ceramic base	3 - Pure Silver
3 = Sensor group reference number	4 - Graphite
W - Working electrode material	
S - Alloy of Gold and Platinum	(*) - Additional Technical specification
1 - Pure Gold	S - Sealing

**Sensor Usage:**

This specific range of AC3 sensors enables the measurement of:

- Single working electrode from different material

**Experimental Accessories:**

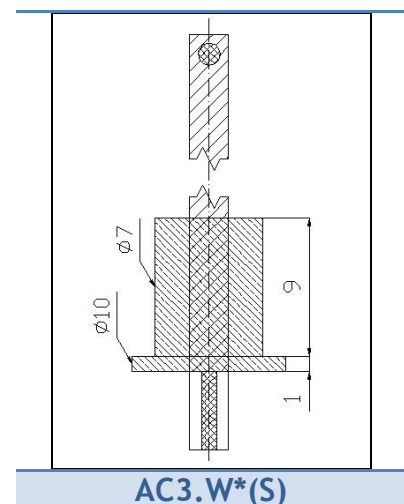
- Electrochemical Vessel Sycopel - AC3.W\* (S) only

**Evaluating Units:**

- AEW2 (Sycopel - www.sycopel.com)
- Any polarographic analyzer

**Examples of Order:**

- 100 pieces - AC3.W2



AC3.W\*(S)

**Ordering information:**

- The order is specified by whole sensor description formula
- Minimum order quantity - 20 sensors
- All order quantities are to be in multiples of 20 e.g. 20, 40, 60, etc.
- Delivery time for standard AC3 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC3 sensors depends on final technical specification of order

**Examples of Order:**

- 100 pieces - AC3.W2

**The explicit list of materials used for electrode preparation**

Type of Sensor	Electrode Material	Conducting Paths
	Working	
AC3.W5	PtAu (15 / 85%)	Ag
AC3.W1	AuPd (98 / 2%)	Ag
AC3.W2	Pt (100%)	Ag
AC3.W3	AgPd (98 / 2%)	Ag
AC3.W4	C (7101)	Ag