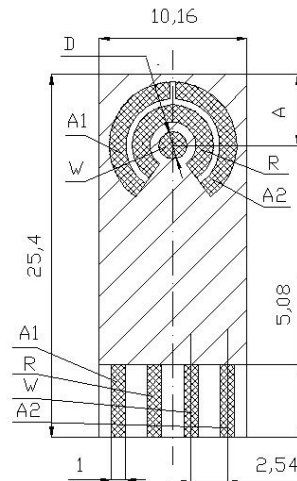


## ELECTROCHEMICAL SENSORS

Type: AC6.W\*.R\*

### Description:

The sensor is formed on a corundum ceramic base. On to this surface the working, the reference and two auxiliary electrodes are applied. The electrodes can be made from variety of materials (see below). At the end of the sensor there is a contacting field. It 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.



### Physical parameters:

Weight: 0.6 gms      Width: 10.16 mm  
 Length: 25.40 mm      Thickness: 0.63 mm

A	5.00 ± 0.05 mm
D	1.60 ± 0.05 mm

### Electrode Materials:

are defined by:      **AC6.W\*.R\***  
 The asterisk is replaced by the appropriate number or letter.

<b>A</b> - Amperometric sensor or electrode	<b>3</b> - Pure Silver
<b>C</b> - Corundum ceramic base	<b>4</b> - Graphite
<b>6</b> - Sensor group reference number	<b>R</b> - Reference electrode material
<b>W</b> - Working electrode material	<b>S</b> - Silver
<b>S</b> - Alloy of Gold and Platinum	<b>1</b> - Silver / Silver Chloride
<b>1</b> - Pure Gold	<b>2</b> - Silver covered by AgCl
<b>2</b> - Pure Platinum	

### Ordering information:

- The order is specified by whole sensor description formula
- Minimum order quantity - 25 sensors
- All order quantities are to be in multiples of 25 e.g. 25, 50, 75, etc.
- Delivery time for standard AC6 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC6 sensors depends on final technical specification of order

### Examples of Order:

- 100 pieces - AC6.W2.R1

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

Type of Sensor	Electrode Material			Conducting Paths
	Working	Reference	Auxiliary A <sub>1</sub> ,A <sub>2</sub>	
AC6.WS.RS	PtAu (15 / 85%)	AgPd (98 / 2%)	PtAu (15 / 85%)	Ag
AC6.WS.R1	PtAu (15 / 85%)	Ag / AgCl (60 / 40%)	PtAu (15 / 85%)	Ag
AC6.WS.R2	PtAu (15 / 85%)	Chlorinated Silver	PtAu (15 / 85%)	Ag
AC6.W1.RS	AuPd (98 / 2%)	AgPd (98 / 2%)	AuPd (98 / 2%)	Ag
AC6.W1.R1	AuPd (98 / 2%)	Ag / AgCl (60 / 40%)	AuPd (98 / 2%)	Ag
AC6.W1.R2	AuPd (98 / 2%)	Chlorinated Silver	AuPd (98 / 2%)	Ag
AC6.W2.RS	Pt (100%)	AgPd (98 / 2%)	Pt (100%)	Ag
AC6.W2.R1	Pt (100%)	Ag / AgCl (60 / 40%)	Pt (100%)	Ag
AC6.W2.R2	Pt (100%)	Chlorinated Silver	Pt (100%)	Ag
AC6.W3.RS	AgPd (98 / 2%)	AgPd (98 / 2%)	AuPd (98 / 2%)	Ag
AC6.W3.R1	AgPd (98 / 2%)	Ag / AgCl (60 / 40%)	AuPd (98 / 2%)	Ag
AC6.W3.R2	AgPd (98 / 2%)	Chlorinated Silver	AuPd (98 / 2%)	Ag
AC6.W4.RS	C (7101)	AgPd (98 / 2%)	PtAu (15 / 85%)	Ag
AC6.W4.R1	C (7101)	Ag / AgCl (60 / 40%)	PtAu (15 / 85%)	Ag
AC6.W4.R2	C (7101)	Chlorinated Silver	PtAu (15 / 85%)	Ag