



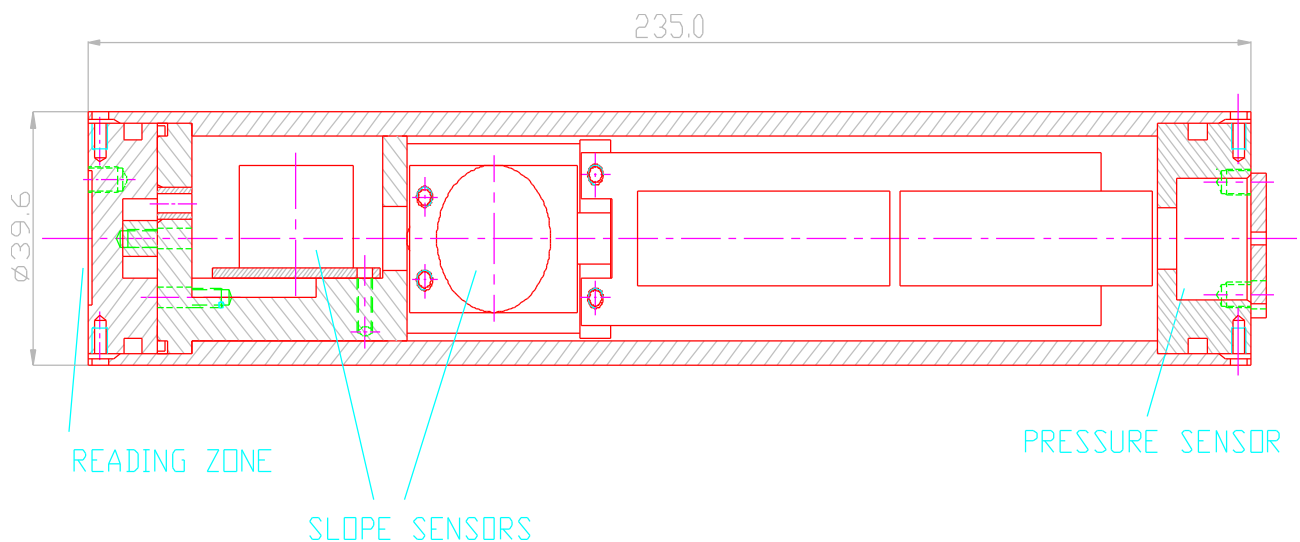
## S2IP

DUAL AXIS INCLINOMETER 300 or 6000 m

### **NEW : Available in Accelerometer ( 2 or 3 axis ) configuration**

The 2IP measures and stores the Pressure and the Angle of immersed objects such as particle traps or other immersed structures, using measurements taken on 2 perpendicular axis, over a long period of time.

The integrated 2IP can have an autonomy of more than one year according to the adjustments and the variations of measurements.  
(see example)



### **COMPLETELY WATERPROOF AND EASY TO USE**

No connection problems, perfectly sealed : the Inclinator doesn't need opening or dismantling.

Data are transferred to a PC via the RS 232 output, using a pencil reader touched to the head of the 2 IP.

A user-friendly software converts the information for visualisation on the display.

### **SOLID AND LONGLASTING**

A Lithium battery incorporated in the 2IP assures a life of over three years.

The used materials avoid corrosion problems and the small size of the frame enables the Inclinator to sit easily on almost any immersed structure.

## SPECIFICATIONS

DESIGNATION	2IP300A	2IP6000A
ORDER CODE	60-07-028	60-07-019
ANGLE RANGE	+/-85°	+/-85°
RESOLUTION	0.5°	0.5°
ACCURACY	(+/-0.3°à40°)	(+/-0.3°à40°)
MAXIMUM DEPTH	300 m	6000 m
ANGLE SENSOR	Accelerometer	
RESPONSE TIME	1 ms	
ANGLE RANGE	+/- 85°	
MAXIMUM DEPTH	300 or 6000 m	
DEPTH ACCURACY	0.5 % full scale	
WEIGHT(in the air)	600 gr	
LENGTH	235 mm	
DIAMETER	40 mm	
MATERIAL	Titanium and Ertalyte	
PERIOD OF MEASUREMENTS	Programable from 5/100 <sup>e</sup> second to 99 hours	
RECORDING	Immediat, starting delay, on threshold (by depth or angle)	
MEMORY(*)	31 000 octets	

(\*) the capacity of memory depends on the adjustment of the inclinometer and on the variation of the measurement.

	ADJUSTMENTS	VARIATION BETWEEN 2 MEASURES	MEMORY CAPACITY
EXAMPLE 1	resolution : 0,2° (angle)	angle : less than 1,1 °	64 days
	resolution : 1 m (depth)	depth : less than 74 metres	
	period: 10 mn of storage		
EXAMPLE 2	resolution : 0,2° (angle)	angle : less than 0,95°	432 days
	resolution : 1 m (depth)	depth : less than 63 metres	
	period: 60 mn of storage		



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