



TECHNICAP

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MODEL	PPS 6/2	
Collecting area (sqm)	0,50	
Shape	Conical (36°)	
Baffle material	Phenolic Composite	
Baffle Cell diameter	9,5mm	
Aspect ratio of a cell	5,26	
Number of Samples	12 or 24	
Volume of Sampling Bottles	250ml or 500ml	
Sampling Interval	Minimum 1 minute	
Max. continuous deployment	18 months (24 months with Lithium batteries)	
Opérating Temperature	-2° to 37°	
Maximum Operating Deph	1000m (PETP) or 6000m (Titanium)	
MATERIALS		
Trap body	Glass reinforced polyester (GRP) on an alimentary gel-coat	
Rotary Disk	PETP (very hard thermoplastic)	
Sampling Bottles	HDPE	
Electronics / Motor pressure case	Thermoplastic (PETP/PEEK) or Titanium	
Rotating Mooring Bar	Titanium	
Power Supply	12 volt AA alkaline batteries pack (or 12 volt lithium on request)	
Drive motor torque	60kg/cm	
Time to shift a bottle	7 seconds	
Communications	"TCM" electronic card including a configurable temperature and inclination recorder (3D accelaration, accuracy: 0,01G) and temperature sensors (accuracy: 0,1°C)	
DIMENSIONS with:	250ml bottles	500ml bottles
Height	1820 mm	
Diameter Max	1020 x 1020 mm	
WEIGHT with PETP motor, rotary disk 24 samples and empty bottles		
In Air	103	
In Water	56	
DELIVERY : WOOD BOX		
External Dimensions (L x l x H)	111 x 115 x 206 cm (or 206 x 93,5 x 90cm)	
Total Weight approx.	205 kg	



**2 Titanium  
Rotating Mooring bar  
(4 in option)**

**Honey comb**

**PETP Motor  
Or  
Titanium Motor**

**12 Samples Rotary disk  
or  
24 Samples Rotary disk**

**250ml or 500ml Bottles**

