



TECHNICAP

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MODEL	PPS 4/3 SHORT	
Collecting area (sqm)	0,05	
Shape	Cylindro-conical	
Baffle material	Phenolic Composite	
Baffle Cell diameter	9,5mm	
Aspect ratio of a cell	5,26	
Number of Samples	12	
Volume of Sampling Bottles	250ml	
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/PEEK) 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	1000 mm	1135 mm
Diameter Max	490 mm	
WEIGHT with PETP motor, rotary disk and empty bottles		
In Air	27 kg	31 kg
In Water	14 kg	16 kg
DELIVERY : WOOD BOX		
External Dimensions (L x l x H)	114 x 43 x 65 cm	127,5 x 43 x 65 cm
Total Weight approx.	50 kg	58 kg

**PETP Motor  
Or  
Titanium Motor**

**Titanium Rotating Mooring bar**

**12 Samples Rotary disk**

