



TECHNICAP

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MODEL	PPS 4/3	
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 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 5000m (Aluminium) or 6000m (Titanium)	
MATERIALS		
Trap body	Glass reinforced polyester (GRP) on an alimentary gel-coat	
Carrousel	PETP (very hard thermoplastic)	
Sampling Bottles	Polypropylen	
Electronics / Motor pressure case	Thermoplastic (PETP/PEEK) or Aluminium alloy anodizing 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	Electronic card and firmware with integrated inclinometer and temperature sensors	
DIMENSIONS with:	250ml bottles	500ml bottles
Height	1310 mm	1470 mm
Diameter Max	490 mm	490 mm
WEIGHT with PETP motor, rotary disk and empty bottles		
In Air	34 kg	40,2 kg
In Water	17,7 kg	20,1 kg
DELIVERY : WOOD BOX		
External Dimensions	1450 x 430 x 650 mm	1550 x 430 x 650 mm
Total Weight approx.	63 kg	71 kg