



TECHNICAP

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MODEL		PPS 5/2 Short	
Collecting area (sqm)	1		
Shape	Conical (36°)		
Baffle material	Phenolic Composite		
Baffle Cell diameter	9,5mm		
Aspect ratio of a cell	5,26		
Number of Samples	24		
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) 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: 0,4°C)		
DIMENSIONS with:	250ml bottles	500ml bottles	
Height	2090 mm	2250 mm	
Diameter Max	1330 mm		
WEIGHT with PETP motor, rotary disk and empty bottles			
In Air	160		
In Water	90		
DELIVERY : WOOD BOX			
External Dimensions (L x l x H)	1420 x 1460 x 2335 mm		
Total Weight approx.	290 kg		