



TECHNICAP

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MODELS	PPS 4/3 SHORT	PPS 4/3	PPS 4/3-24S	PPS 3/3	PPS 3/3-24S	PPS 6/2	PPS 5/2
Collecting area (sqm)	0,05		0,125		0,50	1	
Shape	Cylindro-conical					Conical (36°)	
Baffle material	Phenolic Composite						
Baffle Cell diameter	9,5mm						
Aspect ratio of a cell	5,26						
Number of Samples	12	12	24	12	24	12 or 24	24
Volume of Sampling Bottles	250ml or 500ml (on request)						
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)						
<b>MATERIALS</b>							
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)						
<b>DIMENSIONS (mm)</b>							
Height	1000	1310	1330	1900	1920	1820	2300
Diameter Max	490	490	800	600	880	1020 x 1020	1330
<b>WEIGHTS (kg)</b>							
	<b>In air / In water</b>						
Body of trap	18 / 11	25 / 15	36 / 22	39 / 24	55 / 33	85 / 51	140 / 85
PETP Motor	3,5 / 1,2						
ALUMINUM Motor	5 / 2,7						
TITANIUM Motor	7,5 / 5,2						
12 Samples ROTARY DISK	5,2 / 1,5			5,2 / 1,5		5,2 / 1,5	
24 Samples ROTARY DISK			14 / 4		14 / 4		