



德国 HYDRO-BIOS 公司--Slimline 多通道水样采集器

Multi Water Sampler Slimline



多通道水样采集器 Slimline 是一款对 HYDRO-BIOS MWS 6 的改进的轻便型多通道水样采集器，6 个采样筒容量为 1L、3.5L 或 5L，具有直径小，质量轻的特点，甚至在小船上也可以很容易地操作。Slimline 装有一个马达驱动的自动释放装置，上面集成一个压力传感器，用来测量用户预设的深度。传感器的测量范围可根据用户的工作要求进行选择。Slimline 耐压水深可达 6000 米，标准配置 3000 米。Slimline 在工作时电量消耗少，并且可以在温度为 $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$ 的环境中正常工作。整套系统可以由甲板控制单元上的控制按钮控制，进行在线实时采样；也可按照预先设定的采样深度间隔进行离线自容式采样。



马达单元



Slimline 多通道水样采集器俯视结构图



选配件：

- CT-组件：完全整合在多通道水样采集器的驱动单元上，由一个电导率传感器和一个温度传感器组成。
- 各种参数的传感器，如温度、盐度、浊度、叶绿素等

技术参数：

尺寸	直径 55cm,高度 83cm,1L 型号 直径 65cm,高度 88cm,3.5L 型号 直径 66cm,高度 98cm, 5L 型号
空重	约 40kg,带 6 个 1L 采样器 约 45kg,带 6 个 3.5L 采样器 约 55kg,带 6 个 5L 采样器
耐压水深	标准配置：3000 米；可选配置：6000 米
阵列	不锈钢材质
马达单元	由钛制成,电池供电(3×DL123A/3V)
甲板控制单元	金属舱室；带一个控制采样器开关的按钮；显示采样筒序号、压力和电池状态带发光二极管背景灯的液晶显示屏；与 PC 机的接口为 RS232；由 85-260V 交流电或电池
压力传感器	0.0-3000dbar±0.1%f.s.(标准)；

多通道水样采集器 Slimline 订购信息：

436 975 多通道水样采集器 Slimline

- 带微处理器和外置电池组的马达驱动单元；
- 集成压力传感器；16 兆数据存储器；
- 通过 PC 机控制的可程式深度依赖性采样间隔；
- 带甲板控制单元；
- 配备 6 个容积为 1L 的通畅流水样采集器；

436 976 多通道水样采集器 Slimline

- 带微处理器和外置电池组的马达驱动单元；
- 集成压力传感器；16 兆数据存储器；
- 通过 PC 机控制的可程式深度依赖性采样间隔；
- 带甲板控制单元；
- 配备 6 个容积为 3.5L 的塑料水样采集器；

436 977 多通道水样采集器 Slimline

- 带微处理器和外置电池组的马达驱动单元；



集成压力传感器；16兆数据存储器；
 通过PC机控制的可程式深度依赖性采样间隔；
 带甲板控制单元；
 配备6个容积为5L的塑料水样采集器；

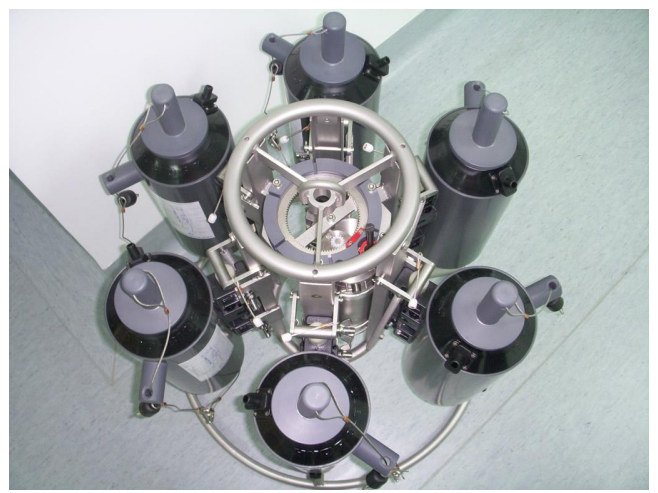
450 500 CT 组件

电导传感器：0~65mS/cm±0.01mS/cm
 温度传感器：-2 ~32℃±0.005℃
 监测频率：1Hz

多通道水样采集器 Slimline 照片集：



多通道水样采集器 Slimline, 6X3.5L



多通道水样采集器 Slimline, 6X3.5L



用于多通道水样采集器 Slimline, 6X1L



多通道水样采集器 Slimline, 6X1L



正在采水状态的多通道水样采集器 Slimline



采水前的多通道水样采集器 Slimline

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