



## 德国 HYDRO-BIOS 公司—第三代积分采水器

### IWS III- Integrating Water Sampler



积分采水器的设计,是为了与欧盟水框架指令提出的要求相一致,用于对柱状水体进行积分采样。

#### 特点:

- ✓ 外部电源配备单独的外壳
- ✓ 快速启动按钮-启动采水器, 使用之前编程的采样深度
- ✓ 协议-集成在 OceanLab3 软件中
- ✓ 自由设定深度范围

#### 新特点:

- ✓ 手持终端或电脑可以用蓝牙连接
- ✓ 无需连接电缆即可对现场采样预编程
- ✓ 时间-积分采样 (例如可以对水平采样过程设定起始时间和结束时间)



采水器由内置的压力传感器和电子控制单元来控制，顶端还配备了小型的马达单元，确保对整个柱状水样在期望的深度进行完整的采样。供电由可充电的 LiFePo4 蓄电池来提供。

IWS III 使用起来非常简单：

可以对期望深度（开始深度和结束深度可自由设定）进行编程，并将数据通过手持终端或电脑的 OceanLab 3 软件存储在采水器中。采水器的推荐下降速度会显示在手持终端的显示器上，然后采水器在水中下降，电子器件会自动调节由于船体的不稳定或海面的不平静，使得采水器的下降速度不稳定所带来的采样误差。到达结束深度后，采水器中的样品含量为 2.5 或 5L 时被拉起，由于采样深度可以自由设定，可以获得不同深度的柱状水样。



### 技术参数：

长度： 720 或 880mm

容积： 2.5 或 5.0L

材质： POM，丙烯酸塑料，钛合金，不锈钢

空气中重量： 7.5kg 或 8kg

操作： 一组电池可以执行约 20 次完整采样工作

耐压水深： 100 米

### 选配：

深海版本： 耐压水深 3000 米

在线版本： 通过手持终端或者 PC 进行控制和深度读取（RS232-传输距离约 50 米或 FSK 单芯电缆，传输距离无限制）

多通道采样系统： 安装到多通道水样采集器上，可以同时进行多个不同深度的采样

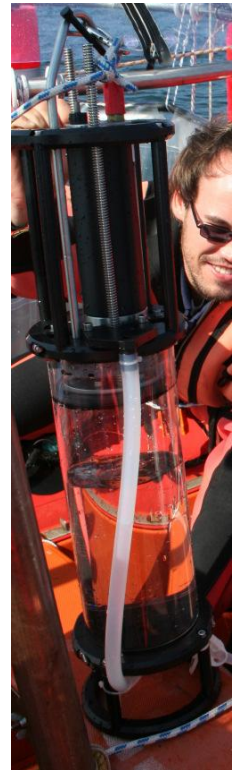
### 积分采水器订购信息：

436 601 第三代积分采水器，2.5 L，100m

436 602 第三代积分采水器，2.5 L，3000m

436 606 第三代积分采水器，5.0 L，100m

436 607 第三代积分采水器，5.0 L，3000m





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