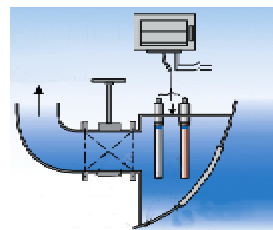
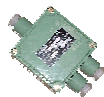


## RDDJ-100 防腐防污装置

### Anti-corrosion/fouling Device



#### 概述

RDDJ-100 防腐防污装置的防海生物阳极和防腐蚀阳极安装在船舶海底门处。通过对其阳极进行通电电解，进而产生防海生物离子和防腐蚀 II 型离子的电解液，再由海水泵抽出，分布到整个海水冷却管系中，从而达到效杀灭管系中的海生物确保海水管道畅通无阻，以及防止管系腐蚀。适用于远洋及近海船舶、海上石油钻井平台、沿海发电厂的海水冷却循环系统。

#### 技术参数

- ⊗ 输入电压: AC110V/220V,50Hz/60Hz
- ⊗ 输出电压: DC12V 直流/每路
- ⊗ 输出电流: 每路0~5A 可调
- ⊗ 处理水量: 0~1900m<sup>3</sup>/h
- ⊗ 电极尺寸: 直径φ75~φ120,长度L根据系统要求
- ⊗ 外形尺寸: 400L×500W×280H (mm)  
500L×650W×280H (mm)

#### 特点

- ⊗ 防海生物效率96%以上
- ⊗ 防腐性能使管系使用寿命得以延长3倍
- ⊗ 防振、防湿、耐高低温、电流连续可调,有过电流保护
- ⊗ 阳极在电解过程中具有很高的电解效率,能充分保证海水管系得到保护所需要的离子浓度
- ⊗ 阳极安装的海底门处有三道密封措施,具有很高的水密性
- ⊗ 阳极在需要更换时发出报警,阳极固定杆不会继续消耗而使水密性遭到破坏
- ⊗ 阳极固定螺杆与海底门处于完整的水密状态,具有很高的安全性

#### Summary

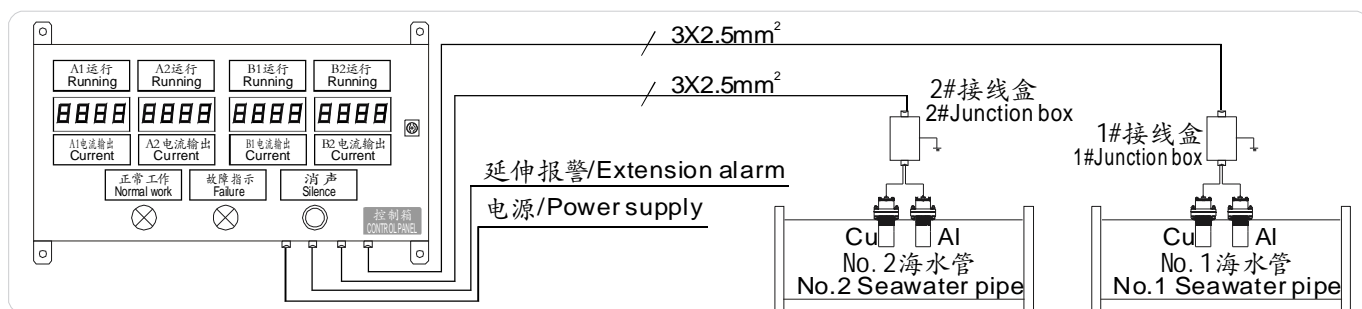
The anode of RDDJ-100, installed at sea chest with corrosion anode, electrolysis to form electrolyte by the anode. Then, send the electrolyte to the entire cooling seawater piping by seawater pump in order to prevent marine growth from the pipeline as well as prevent corrosion damage for pipeline. The equipment is applicable to the seawater cooling circulation system for ocean and coastal ship, offshore oil drilling platform, coastal power plant.

#### Tech. Spec.

- ⊗ Input voltage: AC110V/220V,50Hz/60Hz
- ⊗ Output voltage: DC12V/channel
- ⊗ Output current: 0~5A/channel (adjustable)
- ⊗ Procossed seawater volume: 0~1900m<sup>3</sup>/h
- ⊗ Electrode size: Diameter=φ75~φ120  
Length=system requirement
- ⊗ Panel siz: 400L×500W×280H (mm)  
500L×600L×280H (mm)

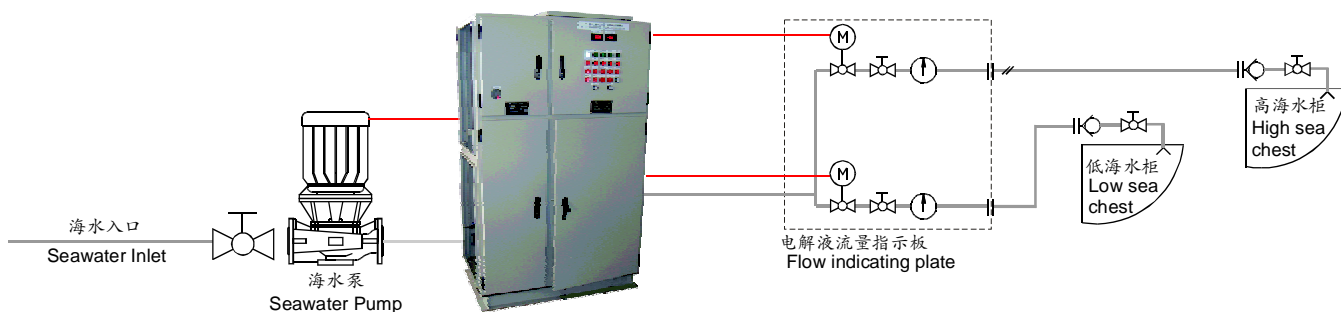
#### Characteristic

- ⊗ Efficiency: =96%
- ⊗ Shake-proof, damp-proofing, high-temperature resistance, temp-resistance, continuously adjustable current, over-current protection.
- ⊗ With high electrolysis rate in order to satisfy the required concentration of seawater piping.
- ⊗ There are three-tire protection measures with high watertightness.
- ⊗ When need replace the anode, the system emit the alarm. And, fixed anode rod will not continue to consume in order to keep the seachest watertightness.
- ⊗ Length the lifetime by three times.



## RDDJ-200 电解海水防海生物装置

### Electrolysis of seawater anti-fouling system



#### 技术参数

- ⊗ 电解槽寿命: >5年
- ⊗ 电源: AC380V~AC400V 50Hz/60Hz 3ph
- ⊗ 海水泵: Q=6m<sup>3</sup>/h, H=32m
- ⊗ 安装方式: 自立式
- ⊗ 涂覆: Musell
- ⊗ 防护等级: IP22 (控制室), IP54 (电解室)
- ⊗ 进口管路: DN40, PN0.6MPa, CPVC
- ⊗ 出口管路: 2×DN40, PN0.6MPa, CPVC

#### Tech. Spec.

- ⊗ Life of electrolytic tank: >5 Years
- ⊗ Power supply: AC380V~AC400V 50Hz/60Hz 3ph
- ⊗ Sea water pump: Q=6m<sup>3</sup>/h, H=32m
- ⊗ Installation: Self-standing type
- ⊗ Painting: Musell
- ⊗ Protection: IP22 (Control section);  
IP54 (Electrolyzer section)
- ⊗ Inlet pipeline: DN40, PN0.6MPa, CPVC
- ⊗ Outlet pipeline: 2×DN40, PN0.6MPa, CPVC