

# ProSafe Galvanic Isolation & AC Ground Wire Monitor Systems

## ProSafe 1 On-Board System - 22086

ProSafe 1 System Includes:

- ▶ On-board automated test, monitoring and annunciation of ProSafe Galvanic Isolator operation and protection.
- ▶ On-board automated test, monitoring and annunciation of shore station AC ground wire presence and operation.
- ▶ On-board automated indication of AC shore power polarity.
- ▶ All ProSafe Galvanic Isolators are UL listed, ignition protected and include a non-polarized capacitor.
- ▶ All ProSafe Galvanic Isolators are low profile / flat pack designs with gold-plated termination studs and hardware.
- ▶ Includes standard remote LED and alarm display feature allowing user to have at-a-glance view of system operation and condition.



**ProSafe 1 30 Amp Single AC Line System Shown**

Available in 50 Amp Single / 30 Amp Dual AC Line System Package



**ProSafe Deluxe 30 Amp Single AC Line System Shown**

Available in 50 Amp Single / 30 Amp Dual AC Line System Package

## ProSafe Deluxe On-Board System - 22070

System Includes All of the Above ProSafe 1 Features Plus:

- ▶ Automated and Push-To-Test monitoring and display of on-board bonding system zinc levels: normal, underprotected and overprotected.
- This state-of-the-art, expense-saving feature avoids the cost of viewing zincs via a diver under the water or hoisting a boat out of the water for manual zinc inspection.*
- ▶ Standard universal flush or surface mount remote monitor for easy and at-a-glance viewing.
  - ▶ Standard silver, silver chloride (AgAgCl) thru hull cell with mounting kit.

## ProSafe Galvanic Isolation

Interrupts galvanic circuit with other boats and the dock when your boat is plugged into a shore power system. Maintains AC safety ground and solves the most common cause of corrosion. Protects against zinc loss. UL tested to the ABYC A-28 recommendations, effective July 1, 2001. The ABYC recommendation requires the galvanic isolator to be tested and monitored to insure that the isolator will provide galvanic isolation, that there is a safety AC green wire (ground) aboard the boat from the shore power cable and requires that the status is readily apparent to the user.

The ProSafe Systems consist of the galvanic isolator, the monitoring electronics and a remote display, which provides unmatched performance and capability.

### Specifications

model	part no.	model	part no.	size
ProSafe 1 30 Amp Single AC Line System	22086	ProSafe 30 Amp Galvanic Isolator	22033	6.25" (L) x 6" (W) x 1.75" (H)
ProSafe 1 50 Amp Single / 30 Amp Dual AC Line System	22088	ProSafe 60 / 30 Amp Dual Galvanic Isolator	22067	9" (L) x 6.875" (W) x 2" (H)
ProSafe Deluxe 50 Amp Single 30 Amp Dual AC Line System	22070	ProSafe 100 Amp Galvanic Isolator	22059	18.5" (L) x 6" (W) x 1.75" (H)

## ProSafe Galvanic Isolators



ProSafe 30 Amp Galvanic Isolator  
For single 30 Amp shore cord



ProSafe 60/30 Amp Dual Galvanic Isolator  
For dual 30 amp or single 50 Amp shore cord



ProSafe 100 Amp Galvanic Isolator  
For dual 50 amp or single 100 Amp shore cord

## Corrosion Control



Part No. 20001

### Corrosion Workbook

- Take the guesswork out of corrosion control. Written for the non-technical person, this book answers questions and corrects misunderstandings about galvanic corrosion.
- Our portable **Corrosion Test Meter** (not included) and this book are all you need to solve corrosion problems on any vessel.
- Within an hour, this easy-to-understand workbook will enable you to perform corrosion surveys.



Part No. 20030  
Monitor

Part No. 20020  
Monitor w/controller

### Yacht Corrosion Monitor & Monitor w/Controller

- Instantly identifies adequate protection or damaging corrosion voltages.
- Simple YELLOW and GREEN SCALE monitors voltage.
- Best for saltwater use.
- Deluxe 20020 Corrosion Controller and Monitor (yachts to 65').
- Includes thru hull sensor.

### Analog Test Meter



Part No. 20006

### Digital Test Meter



Part No. 60016

### Test Meters

Meters include accurate silver, silver chloride (AgAgCl) half-cell on 20' of test lead and a 10' probe lead.

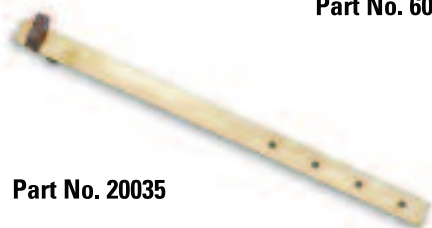
#### Analog Test Meter

- Best for saltwater use. This easy to read meter reads all corrosion problems instantly.

#### Digital Test Meter

- Highly sensitive meter for all types of water.
- Also can be used for testing DC volts, AC volts, continuity, diodes, resistance and up to 10 amps amperage.

### Shaft Brush



Part No. 20035

- Provides galvanic connection for prop shafts, rudder shafts, flywheels, etc., with ship's bonding system. Can eliminate radio-frequency noise from rotating shafts and machinery.

Long-wearing metallic graphite brush on phosphor bronze strap. 12" in length x 1" wide.