

## D.E.I. Marine

### Fail Safe Max

- Meets ABYC A-28 standard
- Ignition protected
- No monitoring system required
- Cool operation, no heat sinks needed
- Higher performance than Fail Safe Plus
- Higher fault current rating than Fail Safe Plus

### Fail Safe Plus

- Meets ABYC A-28 standard
- Higher AC fault rating than required with substantial lightning current ratings
- Ignition protected
- No monitoring system required
- Compact design
- Cool operation, no heat sinks needed
- Solid state design requires no maintenance



FAIL SAFE MAX™



FAIL SAFE PLUS™

Item Number	Peak Lightning Surge Current	Amps	AC Fault Current	Price
<b>Fail Safe Max</b>				
GI-30A-FSM	100kA	30-35	5kA/ 10 cycles	\$438.90
GI-50/60-FSM	100kA	50/60	5kA/ 31 cycle	\$576.45
GI-100A-FSM	100kA	100	5kA/ 198 cycle	\$1,588.65
GI-200A-FSM	100kA	200	5kA/ 198 cycle	\$2,889.60
<b>Fail Safe Plus</b>				
GI-30A-FSP	75kA	30-35	3kA/ 13 cycle	\$345.45
GI-50/60A-FSP	100kA	50/60	5kA/ 10 cycle	\$462.00

## Electro-Guard

### Test Kit

- 902TI Includes: Fluke meter 110 digital multimeter with test leads
- Carrying case with compartments for test probes and leads
- Zinc reference probe with 20' of test lead wire
- 25' test lead wire extension
- Hardened steel test probe
- Instructions for multimeter and corrosion testing
- Determines effectiveness of cathodic protection
- Meter will check bonding system integrity and AC shoreline interface



CORROSION TEST KIT



PROPELLER SHAFT BRUSH



SHAFT WIPER BRUSH SHOE

Item Number	Description	Price
<b>Test Equipment</b>		
902TI	Corrosion test instrument kit	\$496.00
<b>Propeller Shaft Brush Assembly</b>		
SB-6B	Standard Duty	\$64.00
HD-SB	Heavy Duty	\$93.00
<b>Replacement Parts</b>		
6B-1	Shaft Wiper Brush Shoe for SB-6B	\$23.50
6B-2	Shaft Wiper Brush Shoe for HD-SB	\$38.00

Images are representative of products listed and may not be actual product.

# Corrosion Control

## IMPRESSED CURRENT CATHODIC PROTECTION SYSTEMS

### Siemens Capac

- Prevents rusting of underwater exposed metals
- Available in variety of sizes for all types of crafts
- 12V DC power source
- Will operate from shore based power (110/120 VAC) if a power converter is installed



33419-3



50030



33428



37800

#### Electrodes & Anodes

- Does not fail in brackish or fresh water
- Stability >10mV
- Potential does not change with speed or underwater hazard
- Cartridge electrodes and anodes can be changed while afloat
- 20 year installation

#### Test Equipment

- Protection: Steel hull .85, aluminum hull .95, bronze on wood hull .55
- Meter: 0-1.5V full scale
- 1% accuracy
- Impedance: 200,000 ohms/volt, 30,000 ohms total
- Reference cell, silver chloride type, silver screen with deposited silver chloride
- For portable meter half cell insulated cable 75 ft.

#### Controllers

- Central control of forward, mid ship, and aft sub systems
- Continuous monitoring and display
- Port and starboard electrodes
- Output current of each supply
- Storage of data up to 6 months
- Self-diagnostic of vital system components
- Provides full uniform level of protection
- Extends dry dock interval
- Eliminates oscillation and possibility of over protection

#### Complete Kit (CM2)

- Consists of a 8" silver- silver chloride reference electrode to be mounted through the hull, and a meter to read the potential between reference electrode and underwater appendages
- 4"(102mm)W x 5.75"(146mm)L x 1.75"(46mm)D
- Water resistant meter, sealed pushbutton with silver alloy contact on stainless steel panel
- 5/8"(16mm) max hull projection
- Furnished complete with mounting hardware
- Monitor Meter has a sealed d'Arsonval movement with spring board jewel support and scale length of 3"(76mm)

Item Number	Description	Price
<b>Electrodes &amp; Anodes</b>		
<b>Call for further assistance with System Configuration</b>		
37800	Silver chloride disc, suitable for hulls up to 3"(76mm) thick 8"(203) diameter 1/2"(13) gland	\$747.18
33428	Portable Reference Electrode	\$612.36
37792	Platinized Titanium anode, current 2.5amp up to 5amp max 8"(203) diameter 1/2"(13) gland	\$693.00
<b>Test Equipment</b>		
50030	Helm Mounted Hull Potential Meter, project 1"(25) from helm	\$535.50
33419-3	Portable Hull Potential Meter suitable for steel, aluminum, and bronze fittings on wood hulls	\$3,477.60
<b>Controllers</b>		
<b>Available by special order only</b>		
37810-1	Bulkhead Mounted input volt 12vDC, negative ground max	\$3,408.30
37810-3	Bronze Controller 90 Watt-12	\$3,408.30
<b>Complete Kit</b>		
CM2	Complete Corrosion Monitoring System	\$1,165.50

List pricing in catalog is subject to change without notice.