

# DEEPWATER

## Polatrak EFG probe

### General

Polatrak's EFG Probe is a diver-operated or ROV-mountable cathodic protection probe. The unit allows the operator to probe a submersed structure to find coating damage and calculate remaining anode life. Features twin reference electrodes. Becomes part of a self-contained ROV survey unit when used with Polatrak's Deep C Meter and Deep C Meter 3000 AD, which have ultra-bright subsea digital readouts.

### Electrode elements\*

EFG has two electrode elements which are interchangeable to suit specific water environments

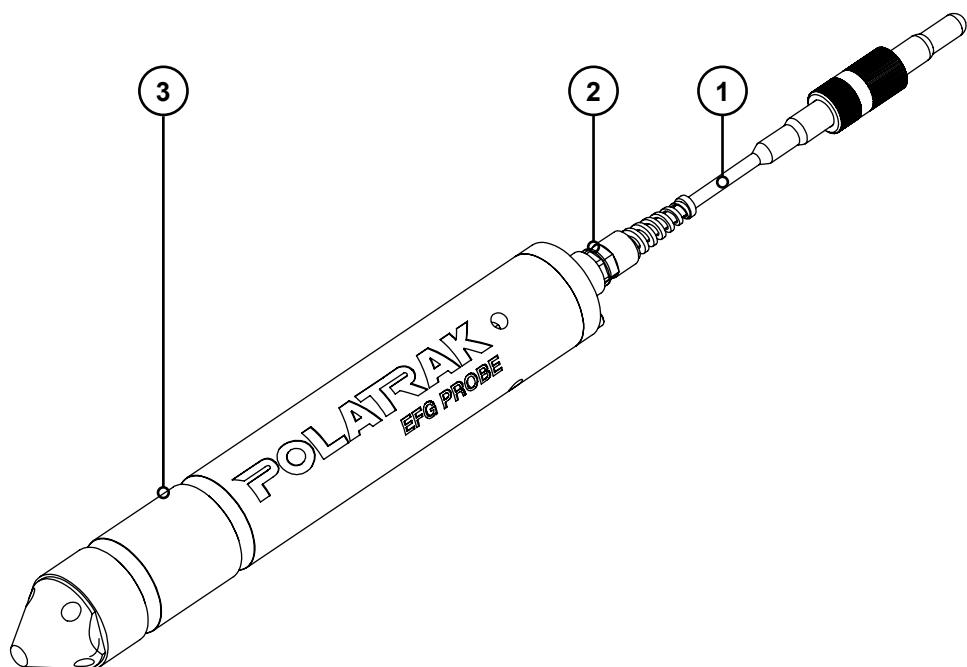
#### Ag/AgCl (Silver/Silver Chloride)

Material Ag/AgCl with silver wire core  
 Dimensions Ø 0.3" x 1.8"  
 [ Ø 8 mm x 45 mm ]  
 Accuracy ± 5 mV  
 Applications Seawater

#### Cu/CuSO4 (Copper/Copper Sulphate)

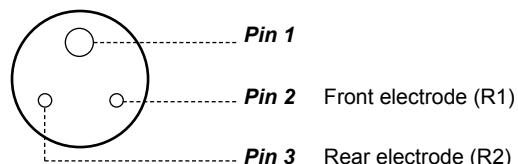
Material Cu/CuSO4 with copper wire core  
 Dimensions Ø 0.3" x 1.4"  
 [ Ø 8 mm x 36 mm ]  
 Accuracy ± 5 mV  
 Applications Fresh water / Slightly brackish water

\*Ag/AgCl elements provided as standard



### Connection cable (Item 1)

Material Neoprene sheath  
 Dimensions 0.56mm C12  
 Wire 18 AWG / 3 conductor  
 Mating connector Seacon RMG-3MP (Item 2; wiring diagram below)



### Main body (Item 3)

Features Free-flooding housing  
 Material Black Delrin  
 Internal components Electrode elements and a wiring harness  
 Dimensions Ø 2.25" x 14.0" (Ø 58 mm x 394 mm)

### Specifications

Depth rating 3,000 m  
 Operating temp. 1°C to 40°C [34°F to 104°F]  
 Voltage range 0 mV to -1999 mV

### Standard kit components

Spare electrode, spare screws. Additional spares and replacements are available upon request.

### Overall weights & dimensions

**EFG**  
 Dimensions 2.25" x 2.25" x 17"  
 (W x H x L) [ 57 x 57 x 432 mm ]  
 Weight (air) 6.5 lb [ 2.9 kg ]  
 Weight (water) 1.5 lb [ 0.7 kg ]

### Offshore carrying case

Dimensions Ø 4.5" x 20.75"  
 (W x H x D) [ Ø115 x 525 mm ]  
 Packed weight 8 lb [ 3.6 kg ]