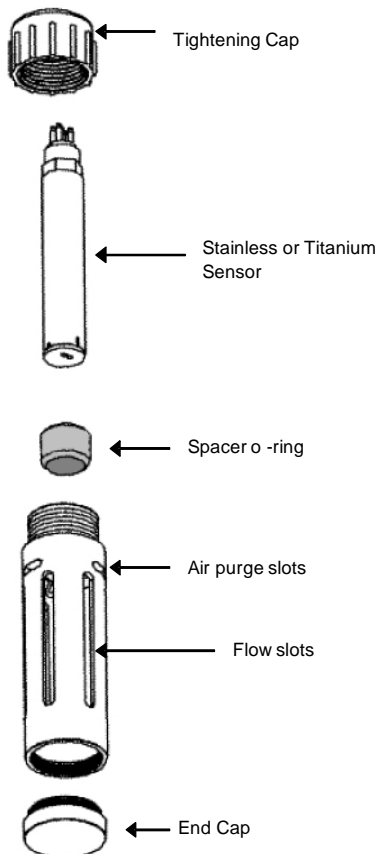


Introduction

The Shade Cap P/N 2100-701 is designed for use with stainless steel and titanium Cyclops Sensors and C-FLUOR Probes. It offers protection to the optics and prevents damage from deploying, recovering, or transporting the instrument, in fast-flowing environments, and/or from bottoming out in shallow environments. We recommend use of the shade cap for calibration and sampling as it provides a fixed distance for sample measurement and minimizes effects from ambient light.

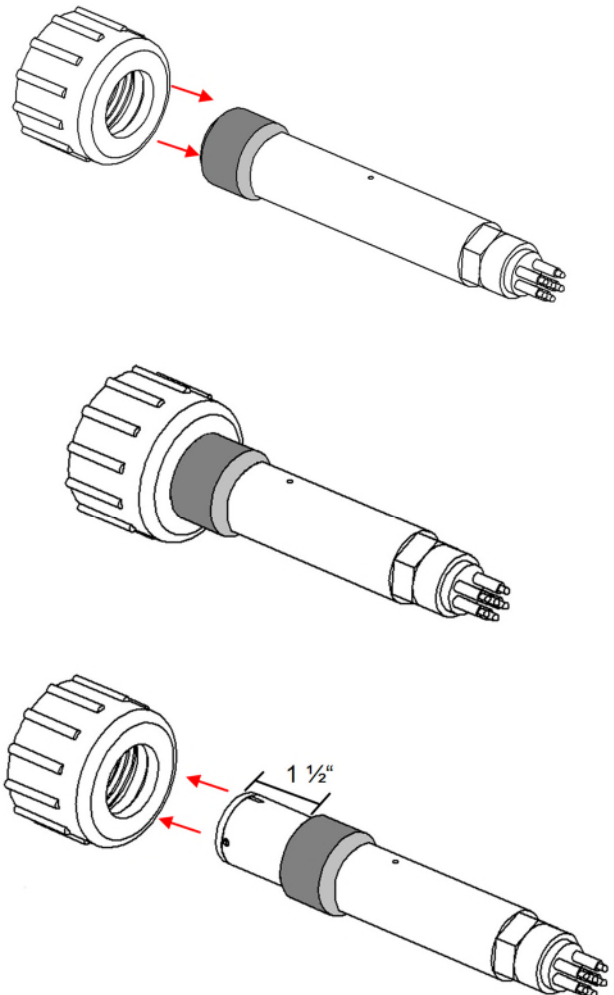
Features

- Reduces interference from ambient light sources.
- Protects optics
- Large flow slots
- Corrosion-resistant material

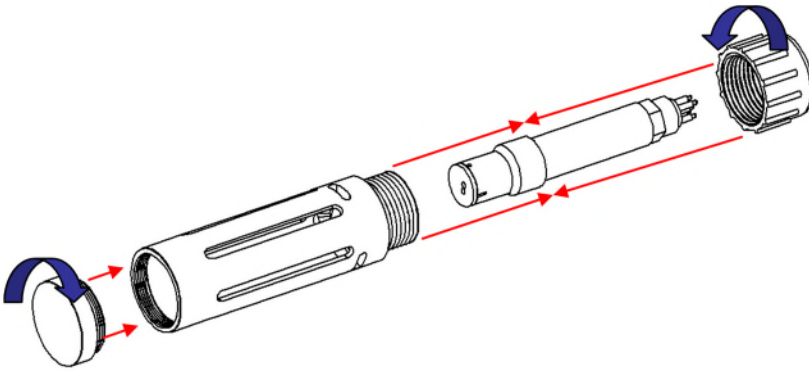


Installation

1. Install the Spacer o-ring approximately 1 ½" from the optical end of the Cyclops or C-FLUOR. The o-ring is intended to fit very tightly on the Cyclops or C-FLUOR and can be difficult to install. You can use the Tightening Cap to help slide the o-ring on. Soapy water can be used to lubricate the o-ring, but it should be rinsed off and dried once the o-ring is in place.



- Slide the Tightening Cap on from the plug end of the Cyclops or C-FLUOR and the Shade Cap from the optical end of the Cyclops as shown below, positioning the threads over the o-ring. Turning clockwise, hand tighten the Tightening cap onto the Shade Cap. The Shade Cap is installed correctly if the optic end of the Cyclops or C-FLUOR is flush with the interior base of the Shade Cap.



- Turning clockwise, hand tighten the End Cap to the other end of the Shade Cap until it is fully secured to the Shade Cap. The End Cap prevents sediment and other debris from entering the shade cap.

Shade Cap Specifications

Material	Delrin and PVC
Weight	110 g (0.24 lbs.)
Length	12.7 cm (5.0 in.)
Diameter	4.3 cm (1.7 in.)
Depth Rating	600 meters

