

# 10" Polyamide Instrument Sphere, 1km IFS-141

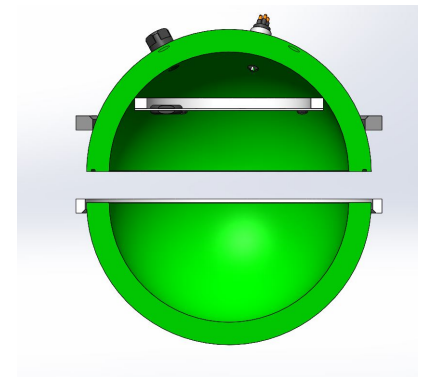
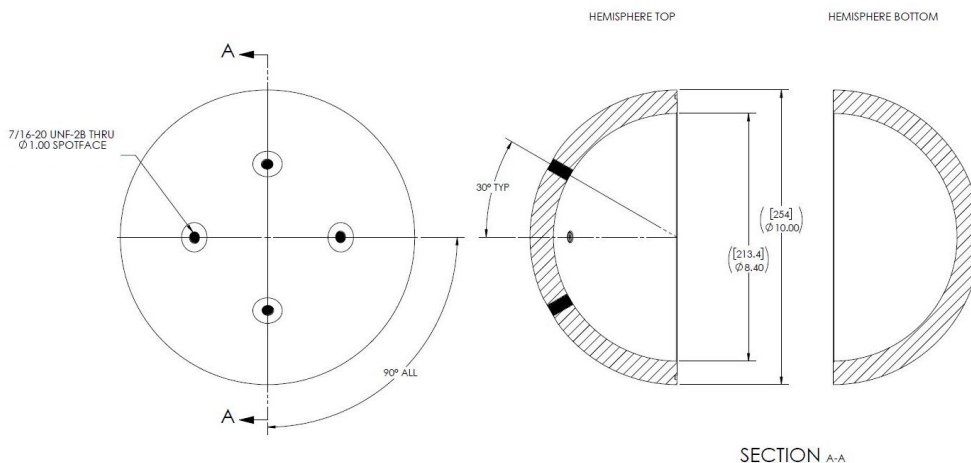


These **10" OD 15% glass-filled polyamide instrument spheres** are rated to 1,000m and provide both a housing and buoyancy. Each sphere is made from two injection-molded hemispheres, providing uniform shape, wall thickness and density.

The hemispheres seal using an o-ring face seal. The instrument sphere comes standard with a Global Ocean Design self-sealing **purge port\***, three additional 7/16-20 tapped and spot faced connector ports with Delrin blanking plugs, as well as an Interior Mounting Ring and Plate installed.

Polyamide instrument spheres are durable, shock resistant, inert in seawater, and will not corrode. They are invisible to WiFi, RF, and magnetic force.

Optional External Mount (IFS-170-10) and Centering Ring (IFS-10-CR) are available (sold separately).



Cutaway sphere shown with interior mounting ring and plate (IFS-104/105-10), exterior mounting ring, (IFS-170-10), and exterior Centering ring (IFS-10-CR).

## Specifications

- Rated to 1km
- 10" OD x 0.80" wall
- O-ring, 2-176, N0674-70
- 11-lbs buoyant
- An additional Interior Mounting Ring and Plate may be purchased separately.



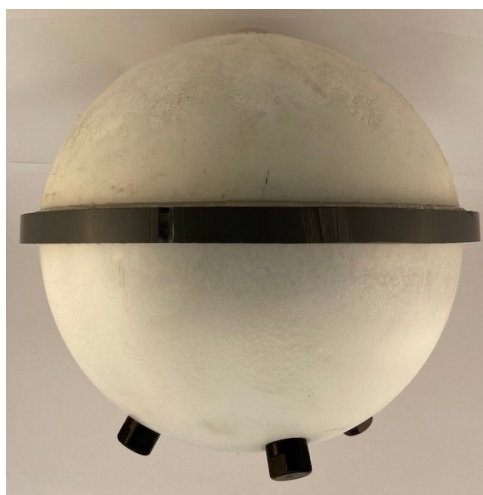
## Companion Products (sold separately)



IFS-141 with PAS-321 Pressure Activated Switch



IFS-141 with MAG-147 Magnetically Activated Switch



IFS-241 with IFS-10CR



IFS-141 with IFS-170-10 Exterior Mounting Ring



Deck Purge Box 107 with IFS-141