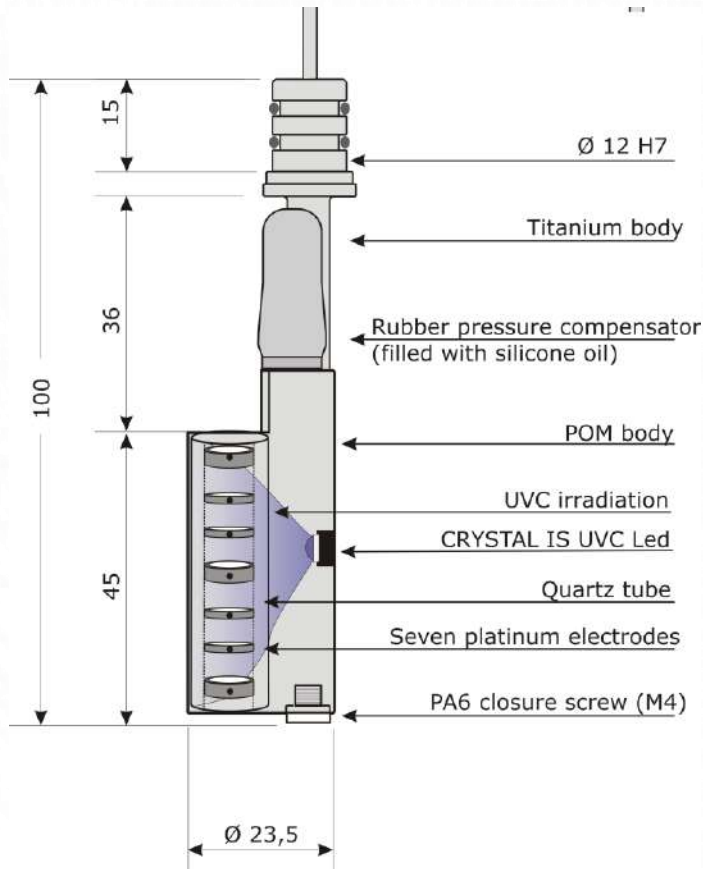




CONDUCTIVITY SENSOR WITH INTEGRATED UV ANTIFOULING FULL OCEAN SALINITY MONITORING

A Crystal IS UVC LED (Ultraviolet 250-300 nm@500μW Light-Emitting Diode) is integrated into the conductivity sensor quartz cell (patent pending). The UVC LED sterilizes the early growth of biofouling, thus eliminating environmental drift in the conductivity sensor.



- Specifically designed for full-ocean long-term salinity monitoring
- Negligible power consumption
- Integrated miniaturized Crystal IS UVC LED (280 nm)
- The UVC LED radiates the sample through the transparent quartz cell and does not interfere with the conductivity measurement
- The UVC radiation avoids early growth of bio-fouling inside the cell
- Non harmful UVC because radiation is confined inside the sensor body