

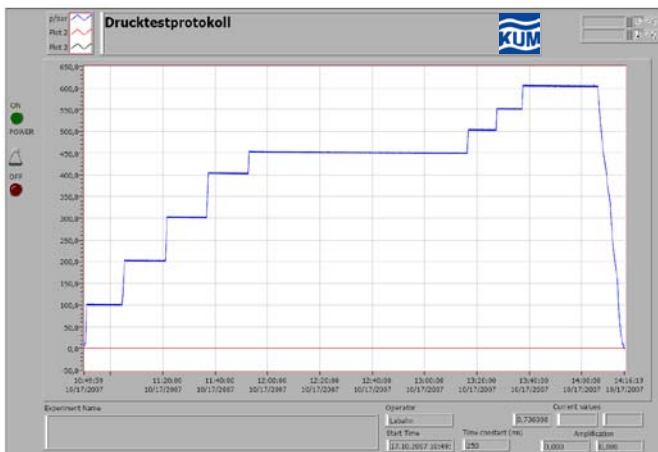
Production of Underwater housings

Titanium

- Material** Titanium grade 2 pure titanium ATSM B338 for 2000m and 4000m operating depths.
Titanium grade 5 alloys ATSM B348 for 6000+m operating depths.
Always with certificate
- Size** Seamless tubes to 3" (88,9mm)
Welded pipes to 24" (610mm)
Round bars up to 350mm
- Weight** Density: 4.51 gr/cm³ (grade 2)
Estimated formula for tubes weight:
 $W [kg/m] = (OD-WT) \times WT \times 0,01417$
Estimated formula for round bars:
 $W [kg/m] = D \times D \times 3,542/1000$
- Shape** Tubes.
For other shapes we will forward you to special manufactories.
- Connectors** Season, Subconn or your choice.
- Drawing** SolidWorks model
- Pressure calculation** Calculation by our engineering models
- Pressure tests** Available for 600 bar. 1000 bar on request.



Tip: our cost efficient standard housing consists of 88.9mm tubes and 5.49mm wall thickness, any length.



Picture: pressure test for 600 bar in cooperation with KUM



Picture: example of 90mm titanium 6000m deep-sea SubCtech Datalogger lid with titanium Subconn connectors (3" / 88.9mm OD)