



Rev 1

# Obelix

## 700 bar hyperbaric testing chamber



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## Obelix

Obelix, commonly known as a figure from the French comic series named Asterix, is a large character with super human strength, as he fell into a pot with strength potion as a child. Together with Asterix, its neighbouring chamber, they make a good team.

The unique design of the test chamber, together with the special purpose test basket, makes the testing very efficient from start to completion.

### Obelix Properties:

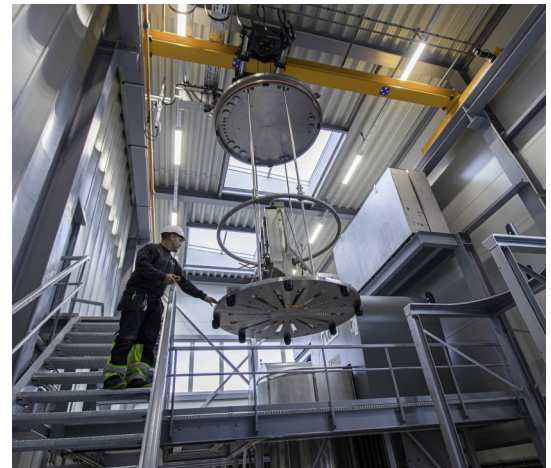
Description:	Property	Unit
Chamber ID—Inner diameter	1800	mm
Length	3500	mm
Chamber volume	8.9	m <sup>3</sup>
Maximum design temperature	40	°C
Minimum design temperature	-5	°C
Available pressure mediums	Water and Gas	-
Pressurisation rate to 200 bar	18	bar/min
Pressurisation rate to 400 bar	11	bar/min
Pressurisation rate to 700 bar	5	bar/min
Available gas/hydraulic penetrators	8	qty
Available blinds for electrical bulk head connectors	8	qty
Test basket lifting capacity	10	Te

### Other available services:

For both Asterix and Obelix, NUI offers possibilities for camera monitoring (recording and live view), down to the full depth of the chamber.

We will also be able to configure your test to your specific needs, including data acquisition, use of available in-house bulk head connectors (high power, ethernet, signals etc.) and temperature control, among more.

## Test facility



### Modern facility:

Our new testing facility, our home for both Asterix and Obelix, is a modern looking and clean facility, with a separate control room and lounge for your comfort.



### Advanced control system:

Both Asterix and Obelix comes with an advanced control system, where we can pre-configure a specific test protocol. We push start, and the system does the rest. Remote operation is also available, so you can witness the test from all over the world.