



Rev 1

Asterix

1000 bar hyperbaric testing chamber



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Asterix

Asterix, commonly known as a figure from the French comic with the same name, is small in size and immense strong after drinking the potion from the local village. Even though our 1000 bar chamber is not small in size, we find it as a suitable name when comparing it to its neighbouring chamber, Obelix.

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

ASTERIX Properties:

Description:	Property	Unit
Chamber ID— Inner diameter	1100	mm
Length	3500	mm
Chamber volume	3.32	m ³
Maximum design temperature	40	°C
Minimum design temperature	-5	°C
Available pressure mediums	Water and Gas	-
Pressurisation rate to 300 bar	30	bar/min
Pressurisation rate to 600 bar	25	bar/min
Pressurisation rate to 1000 bar	15	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.