

## ULTRA HP-HT GAS TRIAXIAL SYSTEM

NEW "PATERSON APPARATUS"

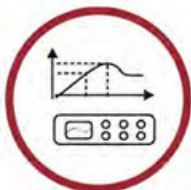


In the 1960s-80s, Prof. Mervyn Paterson at the Australia National University (ANU) developed a unique gas-media deformation apparatus.

In 2018 APS-Wille Geotechnik® presented a new modified and upgraded generation of this sophisticated high pressure high temperature internally heated pressure vessel system aiming to perform complex rock triaxial experiments at elevated P-T conditions. This triaxial system for simulation of axial stresses down to approximately 13 km, is using gas as pressurizing medium. It has features for measuring pore size distribution and analysis or the determination of e.g. fluid/ gas permeability in rocks.



MADE IN GERMANY



Reliable Test Result

### GENERAL TECHNICAL SPECIFICATIONS

Max. Axial Load	Up to 2000 kN
Max. Cell Pressure	Up to 600 MPa
Max. Temperature	650 °C
Sample size(diameter)	24 mm
Sample height	50 mm
Pore Pressure	300 MPa

All above technical specifications can be customised on request.

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