

Competence creates Confidence.



● Model no. 1821

HAT-TESTER

Hydro-Axial Tensile Testing (HAT-Test)

ISO/CD 19521-1

ISO/CD 19521-2

Revolutionary
testing system

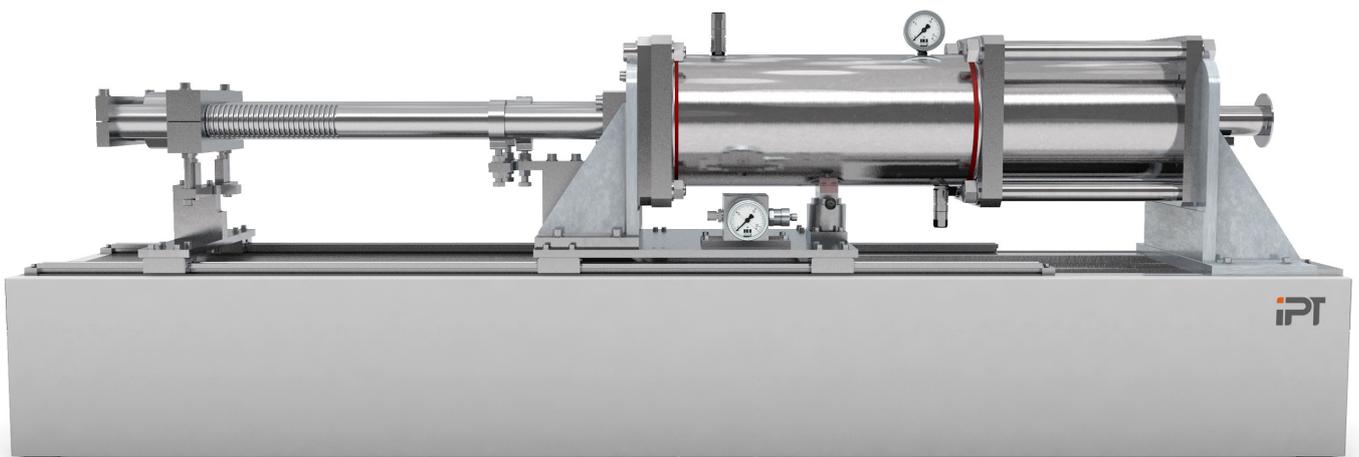


Axial tensile testing of a complete pipe provides important information for assessing its structural integrity and ensuring its long-term performance.

To overcome the challenges of testing the entire pipe, the HAT (Hydro-Axial-Tensile) test was developed.

Tensile testing reimagined

- The HAT test of the entire pipe is performed using the pressure equipment available in a typical pipe testing laboratory..
- Most typical plastic pipes can be tested axially at pressures of less than 100 bar.
- The HAT method is a practical and cost-effective way to evaluate the axial tensile strength and joint integrity of pipes where conventional axial tensile testing of the entire pipe is too costly.
- The testing device is operated via the IPT user interface.



Example image for test specimens up to DN110

Standard features

- | | |
|------------------------------------|----------------------------|
| ● Revolutionary testing system | ● Pressure becomes tension |
| ● For pipe samples up to DN 630 mm | ● Maximum pressure 200 bar |
| ● Dimensions 2,200 x 688 x 453 mm | |