CUBUS Program: *Tensile*

The Cubus Tensile Test allows strain rate controlled tensile testing with rates prescribed by ISO6892. Simple load testing to failure e.g. for fasteners is also supported

Features Include:

- Test project oriented save and restore tests, results and acquired data to disk

- Specimen management with user defined specimen properties

- Strain rate control, requires extensometer

- Real time stress / strain graph display during test execution

- Strain rate control up to proof stress Rp, test pause for extensometer removal

- Displacement rate control to failure, after removal of extensometer

- Test results and reporting includes amongst others:

    - 0.2% proof stress (Rp0.2)

    - Maximum Tensile strength (Rm)

    - Modulus (E)

    - Elongation

    - Reduction in area

    - Acquired Load, Stress, Strain, Displacement and Strain rate signals for post analysis

- Simple load test option with load rate and load at failure - typically for fasteners

- Test results stored for configurable PDF report or exported to ASCII / Excel

- Acquired test data can be analysed or exported post test

- PID and Limits saved with the test project