

## MEDIUM CAPACITY MULTIPURPOSE TEST RIGS UP TO 1000 kN

Soete Laboratory owns different universal testing machines with (static) capacities of 100, 150, 600 and 1000 kN. Custom specimen grip fixtures can be designed and manufactured by laboratory Soete. The displacement-controlled testing machines can be used for various types of tensile tests, including:

- Round bar and flat strip tests
- Notched tensile tests
- Cross-weld tensile tests

All tests can be instrumented using deformation measurement sensors, such as LVDT's, clip gauge and extensometers.

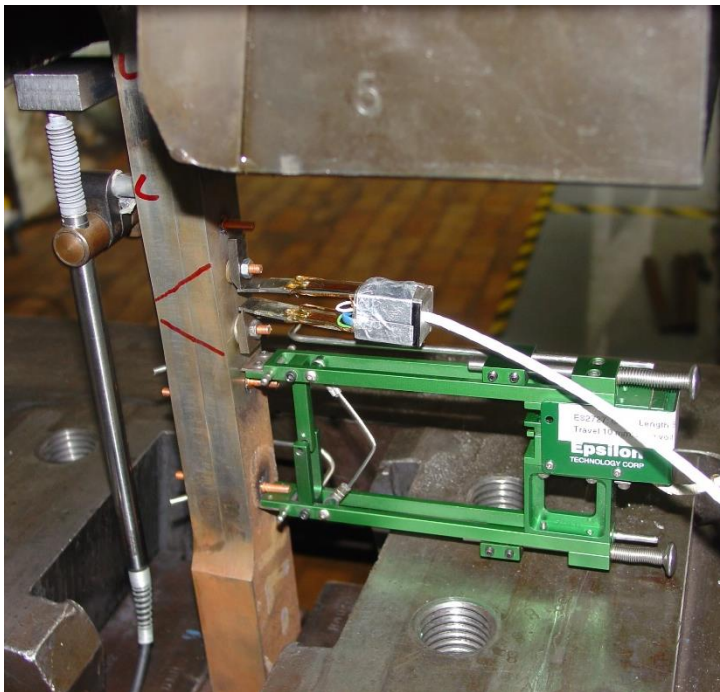


Figure 1: 8000 kN test rig

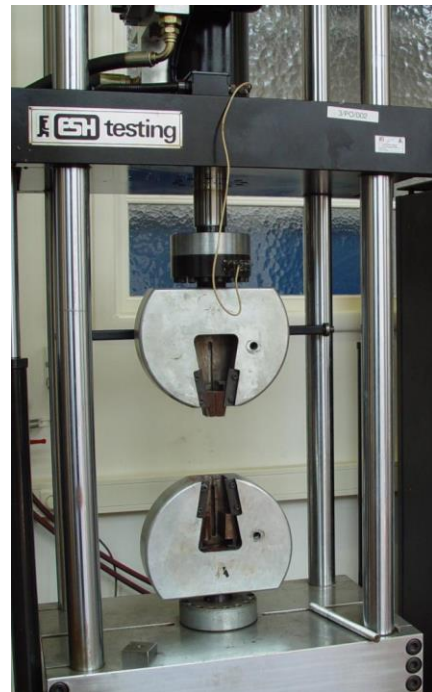


Figure 2: Medium Wide Plate tension test

### TEST RIG CHARACTERISTICS

Property	ESH 100	ESH 150	Amsler 600	ESH 1000
Force	100 kN	150 kN	600 kN	1000 kN
Custom grips	Yes	Yes	No	Yes
Width	600 mm	600 mm	700 mm	712 mm
Length (without grips)	1700 mm	1700 mm	1500 mm	1900 mm