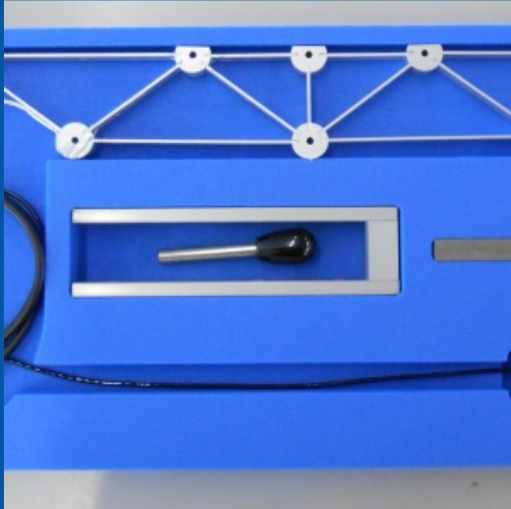


APPARATUS FOR STUDYING A BAR STRUCTURE

REFERENCE : EX150C6



Non contractual photo

SERVICE :

The EX150C6 structure allows the study of a triangulated farm type system subjected to a 3-point bending effort. This device allows the following manipulations: Study and measurement of the deformation of the structure. Study and deformation and efforts in instrumented bars. The measurement of the stresses at different points of the test piece is carried out by pairs of deformation gages glued according to an industrial process ensuring a very high measurement accuracy as well as an excellent behavior over time. The beam is made of treated steel. The gauge pairs are connected to an interconnect terminal block with a multi-pin plug allowing quick connection via a single cable to the EI616 extensometer bridge (or any other suitable measuring device).

Test tube with gauges EX152 (traction), EX154 (bending) and the EX158 longitudinal distribution beam are used to measure the strain distributions and associated stress conditions for tensile mounting on the EX150 tensile bending test bench. Stretches are "ready to measure"