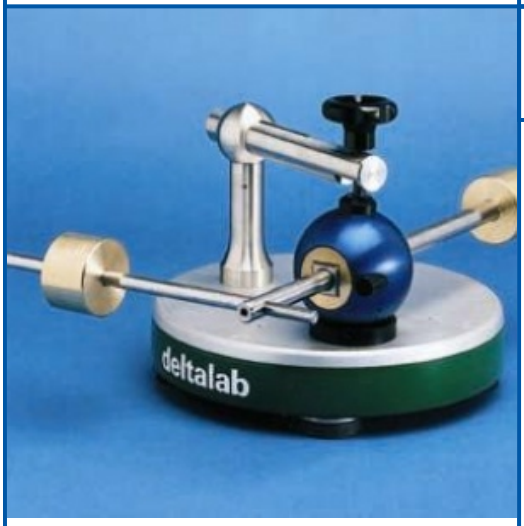
APPARATUS FOR STUDYING ELEMENTARY MECHANICAL LINKS AND



Non contractual photo

SERVICE : EI616 EXTENSOMETRY BRIDGE
PC TYPE COMPUTER
DIMENSIONS : 400 X 400 X 300 MM

WEIGHT : 10KG

REFERENCE : EX200

The apparatus of study of the elementary mechanical connections and the associated 3D torsors is intended for the technical and scientific trainings for the fundamental study of the torsor representation. The direct contact links studied, close to those used in mechanical engineering, are: straight linear, linear annular, pivot, sliding pivot, slide, ball joint.

Technical specifications :

Proposed TP Themes :

- Experimental analysis of the mechanical connection in all its aspects:
- Perfect link: search for the ideal reference point and determination of the torsor of the corresponding transmissible forces
- Real connection: effects of friction on mechanical behavior, buttressing, reversibility, efficiency

Composition :

- Measuring plate, connecting sphere, ball holder, positioning pin
- Set of links and accessories
- Acquisition card with connection cables
- Software
- Educational and technical file

OPTIONS :

Supplement for the study of single and compound bonds EX200C2 EX200C3 Loading System Supplement for the study of friction and bracing EX200C4

DELTALAB SMT - 425 Boulevard Joseph Gay Lussac - 11000 CARCASSONNE
Tel 04 68 24 50 70 - mail : info@deltalab.fr

Siren 799 693 189 - Naf 2299 B