

STRUCTURE SERIES

Equipment for experiments on STRUCTURES consists of two main parts, accessories for specific experiment and ST300 Universal Structural Frame or ST305 Universal Base Frame for attachment of the accessories. Many accessories common for various experiment. Instruction manual is also included.

ST 300 UNIVERSAL STRUCTURAL FRAME

DESCRIPTION:

This is a basic bench top type twin rectangular frame of 30 x 60 mm aluminum profile with adjustable footings. Optional structural models and accessories are attached to the twin frame by clamps to support specific experiments in the field of structural mechanics especially where underhung and sidehung weights are required.

TECHNICAL DATA:

- Dimensions WxLxH : 450 x 970 x 980 mm
- Twin member space : 30 mm
- Window opening : 850 x 650 mm
- Maximum load capacity : 2.5 kN



Net (unassembled) Shipping Dimensions WxLxH : 15 x 85 x 15 cm
Net Weight : Approx. 14 kg

ST 305 UNIVERSAL BASE FRAME

DESCRIPTION:

This is a bench top base frame made from 30 x 30 mm aluminum profile with stainless steel support and adjustable footings. The base is a twin member on which optional structural models and accessories are attached. This frame is more economical than ST300 Universal Structural Frame, and is intended to replace ST300 for many experiments in structural mechanics where underhung and side hung are not required.

TECHNICAL DATA:

- Dimensions WxLxH : 300 x 950 x 100 mm
- Twin member space : 30 mm

Net (unassembled) Shipping Dimensions WxLxH : 6 x 95 x 10 cm
Net Weight : Approx. 4 kg



COMPUTER ASSIST SET

A number of accessories can be replaced by digital units. A Computer Assist set is offered for the case that digital accessories with output signals are used. In this case, a computer interface unit is included.

SOFTWARE

This software can accommodate both manually key-in inputs and inputs from computer interface unit. The software includes test data table, formula and calculated data.