

Demonstrations may be carried out to illustrate free and damped vibrations of a simple spring-mass system having one degree of freedom and the response of a second order mechanical system to a step input.

Experiments can be carried out by students in the laboratory to investigate the relationship between the mass of the body, the stiffness of the spring, the periodic time or frequency of oscillation and to observe the effect of viscous damping on the system.

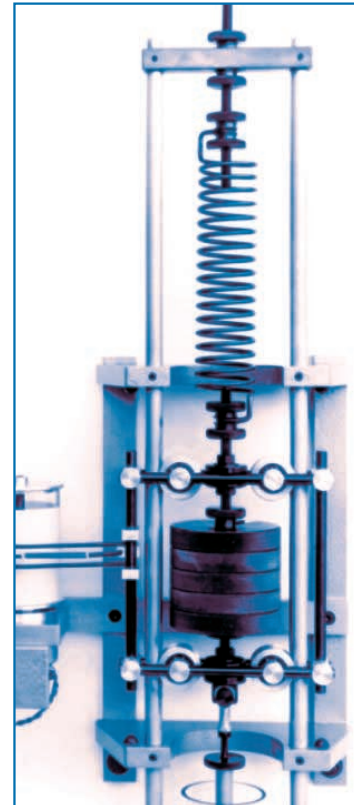
Springs of various stiffness and suitable masses are supplied. The dashpot is adjustable to provide a wide range of damping.

A pen attached to the vibrating frame and a paper strip driven by a synchronous motor provide the means of producing amplitude/time recordings.

The unit may be wall mounted or attached to the Bench Mounting Frame

Nett Weight: 28 kg.

Size 1000 x 600 x 350mm.



Note: New catalogue available soon

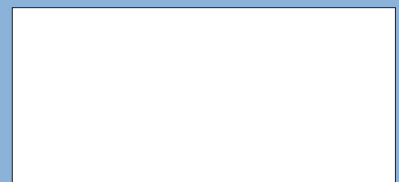
* Specifications subject to change without previous notice, due to continuous improvements of the product.

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