

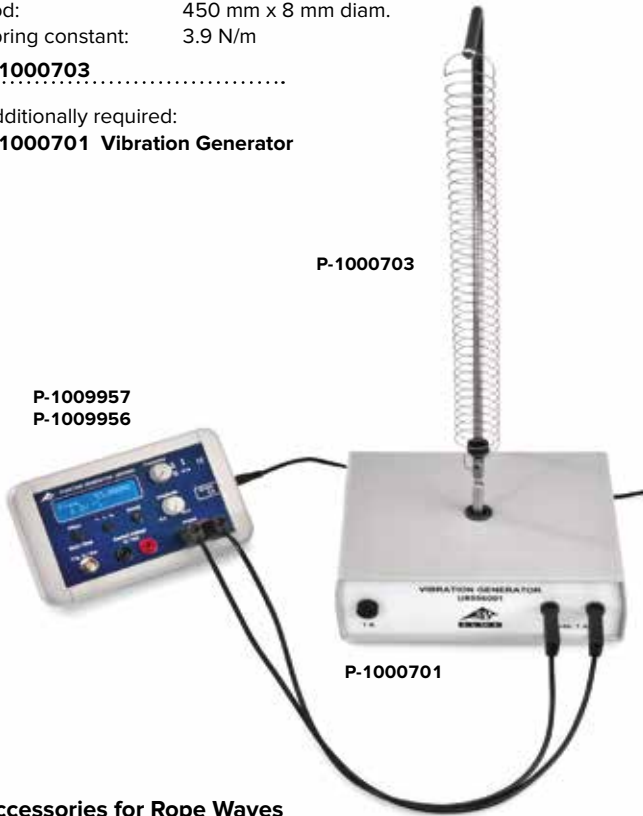
Accessories for Spring Oscillations

Accessories ideal for vibration generator (P-1000701) for demonstrating standing longitudinal waves in a coil spring. Consisting of angled stand rod, coil spring and connector pin for attachment of the spring to the vibration generator.

Rod: 450 mm x 8 mm diam.
Spring constant: 3.9 N/m

P-1000703

Additionally required:
P-1000701 Vibration Generator



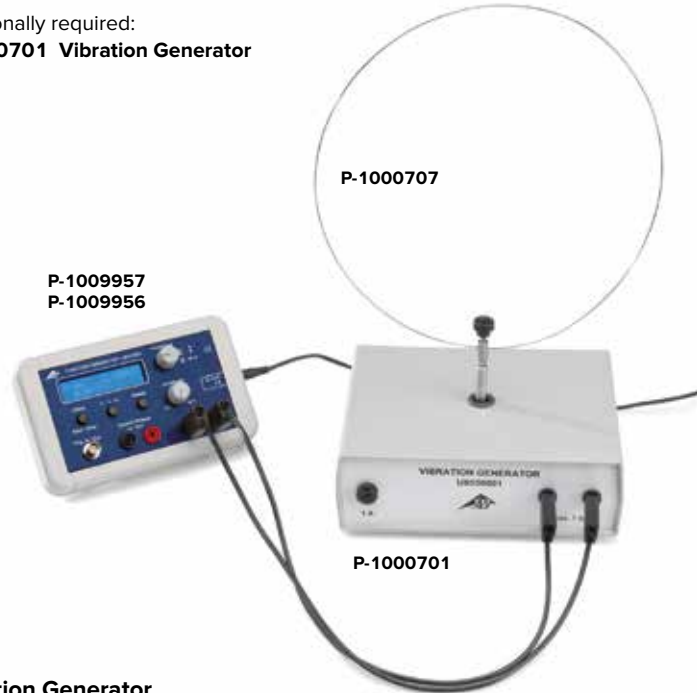
Resonance Wire, Ring Shaped

Accessories for vibration generator (P-1000701) for demonstrating the vibration knots in determination of different frequencies. Wire ring with 4 mm plugs.

Diameter: 290 mm

P-1000707

Additionally required:
P-1000701 Vibration Generator



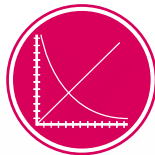
Accessories for Rope Waves

Accessories ideal for vibration generator (P-1000701) for the investigation of standing transversal waves and their wavelengths as a function of the rope tension and the frequency. Consisting of a base plate with stand rod, holder for dynamometer, deflection device and rubber rope.

Rope: 1 m
Base plate: approx. 180x180x25 mm³

P-1008540

Additionally required:
P-1000701 Vibration Generator
P-1003106 Dynamometer 5 N



UE1050700
PDF online



Vibration Generator

Tough vibration generator for exciting oscillations and waves mechanically, e.g. in coil springs, a rubber cord, a wire ring or a Chladni plate. In robust plastic housing including mounting pin with 4 mm socket for attaching accessories (Chladni plates, resonance wire, rubber band etc.). Including holder for stand rod (up to 8mm diam.) on the rear side of the apparatus for the demonstration of standing waves in a coil spring. The generator is equipped with overload protection.

Connection: via 4 mm safety sockets
Impedance: 8 Ω
Frequency range: 0 up to 20 kHz
Overload protection: 1 A fuse
Dimensions: approx. 200x160x70 mm³
Weight: approx. 1.4 kg

P-1000701

Additionally required:
P-1009957 Function Generator FG 100 (230 V, 50/60 Hz)
or
P-1009956 Function Generator FG 100 (115 V, 50/60 Hz)

Rubber Band

For demonstrating stationary waves and wave propagation e.g. Using the vibration generator (P-1000701). Wound on a board, 25 m, 2 mm diam.

P-1000702

Additionally required:
P-1000701 Vibration Generator

