

Waltenhofen's Pendulum

Order code: **5401.1000993**



Cena bez DPH

159,20 Eur

Price with VAT

192,63 Eur

Parameters

Quantitative unit

ks

For the demonstration of the effects of eddy currents and braking. A pendulum object composed of a solid steel plate swings back and forth between the poles of an electromagnet with the power switched off. When the magnet is switched on, the pendulum motion of the object comes to an almost immediate halt. If the plate contains slots more time elapses before the plate stops moving, i.e. the braking effect is severely reduced. The equipment set consists of a pendulum rod and four aluminium pendulum plates with various shapes: rectangle, rectangle with slits, circular disk, ring and ring with slits.

- **Rectangular:** 100 × 60 mm
- **Ring:** 30 mm ? interior, 60 mm ? exterior

Additionally required:

- 5401.U8497200 Pair of Pole Pieces
- 5401.U8497180 Transformer Core D
- 5401.U8497440 Coils with 1 200 Turns (2×)
- 5401.U33020230 DC Power Supply 0 - 20 V, 0 - 5 A (230 V, 50 / 60 Hz)