

Pohl's Torsion Pendulum

Order code: **5401.1002956**



Cena bez DPH

1.422,00 Eur

Price with VAT

1.720,62 Eur

Parameters

Quantitative unit

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For investigating free, forced and chaotic oscillations at various degrees of damping.

With slotted scale ring and pointers on resonator and exciter.

An electric motor is included for exciting forced oscillations. It features coarse and fine speed adjustment and is coupled via an eccentric wheel. For damping, an electromagnetic eddy brake is used.

The equipment can also be used in demonstrations involving projection of shadows.

- **Natural frequency:** approx. 0,5 Hz
- **Excitation frequency:** 0 to 1,3 Hz
- **Connectors:** 4-mm safety sockets
- **Motor:** max. 24 V AC / DC, 0,7 A
- **Eddy brake:** 0 to 2 A DC, 20 V
- **Scale ring:** 300 mm dia.
- **Dimensions:** 400 × 140 × 270 mm
- **Weight:** 4 kg

Additionally required:

- 5401.U33020230 DC Power Supply 0 - 20 V, 0 - 5 A
- 5401.U33200230 Plug-in Power Supply 24 V, 0,7 A
- 5401.U40801 Stopwatch, 15 min

- 5401.U17450 Analogue Multimeter AM50
- 5401.U11755230 DC Power Supply for Torsion Pendulum
- Patch Cords