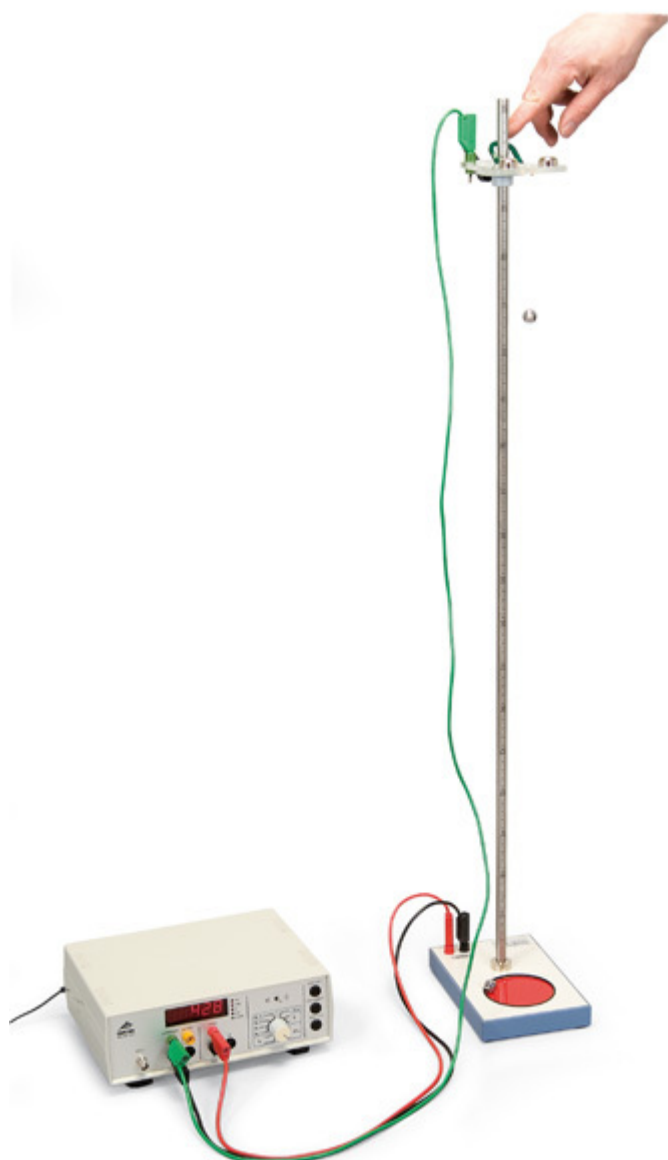


Free Fall Apparatus

Order code: **5401.1000738**



Cena bez DPH
Price with VAT

530,00 Eur
641,30 Eur

Parameters

Quantitative unit

ks

Apparatus for measuring the time it takes for a ball to fall a certain distance using a digital timer. Very easy to set up and use but nevertheless highly accurate. Includes 3 steel balls.

A micro-magnet holds the ball in its start position. Three contact pins under the release mechanism ensure that the start position of the ball

can be reproduced and act as the contacts of a switch that opens when the ball is released, thus triggering the beginning of the timing measurement. When the ball strikes the contact plate at the bottom, the timer is stopped. The ball is also held firmly on the plate so that it does not bounce. The height through which the ball drops can be adjusted to a fraction of a millimetre and read off a scale on the column.

- **Height scale** 20 – 960 mm
- **Scale divisions:** 10 mm
- **Scale precision:** 0,2 mm
- **Balls:** Steel, 16 mm dia.
- **Dimensions:** 200 × 130 × 1 000 mm approx.
- **Weight:** 1,6 kg approx.

Additionally required:

- 5401.U8533341230 Digital Counter (230 V, 50 / 60 Hz)
- 5401.U13811 Set of 3 Safety Experiment Leads for Free-Fall Experiments