

HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3

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Information about product price on demand

Parameters

Quantitative unit ks

Rotating apparatus for determining angular acceleration as a function of the torque and for determining the moment of inertia depending on mass and distance from an axis.

An axle on agate bearings supports a cross bar to which weights can be attached. The force from a driving weight is conveyed to the axle via a string wrapped around the axle and passed over a pulley and a second multiple pulley on the axle itself.

• Length of crossbar: 600 mm

Radii of multiple pulley: 4,5 mm / 9,0 mm
Driving weights: 10 g / 20 g / 30 g / 40 g / 50g
Inertial mass of disc(s): 100 g / 200 g / 300 g
Dimensions of base plate: 200 x 140 mm

• Total weight: 1,3 kg approx.

## **Contents:**

- 1 Basic apparatus
- 2 100-g discs
- 2 200-g discs
- 1 Holder for slotted weights 10 g
- 2 Slotted weights10 g
- 1 Slotted weight 20 g
- 1 Pulley
- 1 Roll of string

## Additionally required:

• 5401.U40160230 Digital Stroboscope (115 V, 50 / 60 Hz)