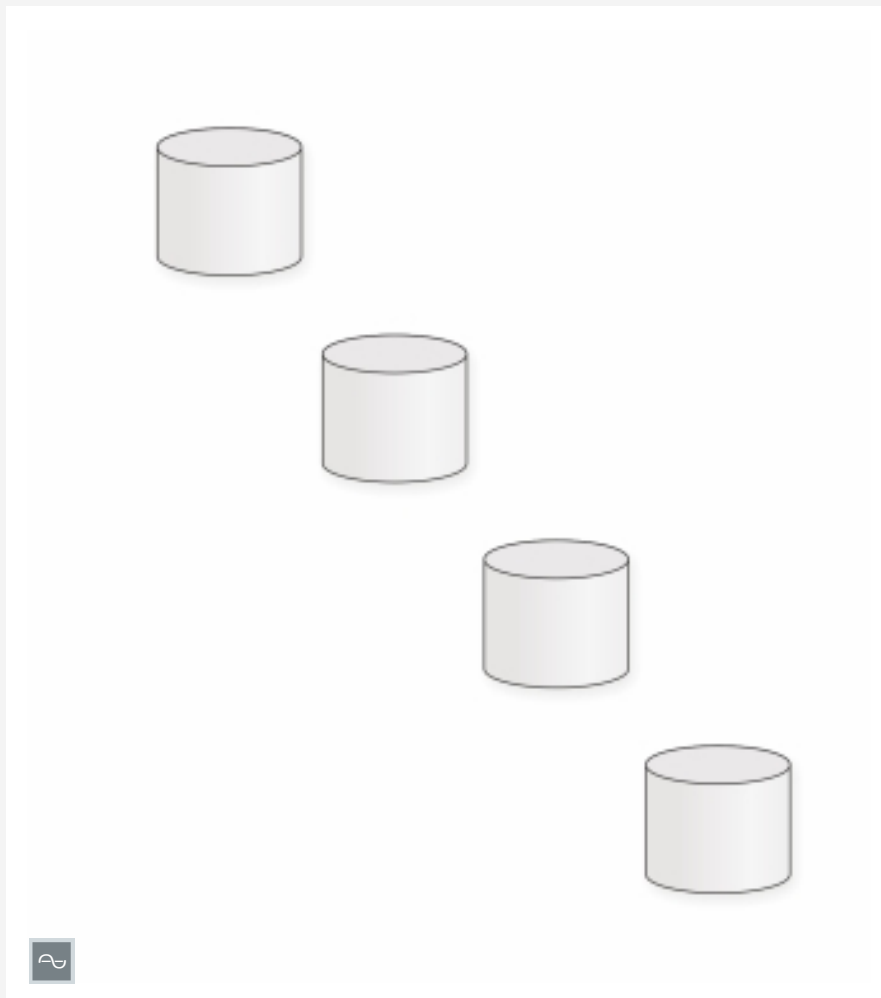


WP 300.70

Set of 4 compression specimens, gypsum



Learning objectives/experiments

- compression tests on the WP 300 experimental unit

Specification

- [1] compression specimens for compression tests
- [2] 4 specimens made of gypsum
- [3] accessory for WP 300 Materials testing, 20kN

Technical data

- 4 compression specimens
- specimens diameter: 10mm
 - total specimen length: 10mm
 - material: gypsum

Weight: approx. 25g

Scope of delivery

- 1 set of specimens (4 pieces)

Description

■ compression specimens made of gypsum

This set of specimens is available as an accessory for the WP 300 experimental unit. The specimen is secured between the crosshead and lower cross member of WP 300.

In the compressive test, a uniaxial state of stress is produced in a geometrically defined specimen. This state of stress is produced by an external load on the specimen in the longitudinal direction via a compressive force.

Then a uniform normal stress distribution prevails in the test cross-section of the specimen. In order to determine the strength of the material, the load on the specimen is slowly and steadily increased, until the specimen ruptures.

The set contains four specimens made of gypsum.

WP 300.70

Set of 4 compression specimens, gypsum

Required accessories

WP 300

Materials testing, 20kN