

## WP 300.12

### Measuring magnifier for Brinell hardness test



#### Specification

- [1] determine impressions in a hardness test
- [2] measuring magnifier with 1 scale
- [3] aluminium storage box
- [4] accessory for WP 300 and WP 310

#### Technical data

Tech-Line stand magnifier

- Vario Focus
- magnification: 8x
- measuring range: 20mm
- 1 scale

LxWxH: 160x70x50mm (storage system with foam inlay)

Weight: approx. 0,5kg

#### Scope of delivery

- 1 measuring magnifier
- 1 scale
- 1 storage system with foam inlay

#### Description

- measuring magnifier for determining impressions following a hardness test
- accessory for the WP 300 / WP 310 experimental units

This measuring magnifier is available as an accessory for the WP 300 and WP 310 experimental units. The measuring magnifier allows an analysis of hardness tests. When used with WP 310, the WP 310.01 experiment setup is also required.

The diameter of the spherical indentation on the specimen is measured using the measuring magnifier. The Brinell hardness is calculated from the test force of the imprint surface of the spherical segment.

The measuring magnifier and a scale are delivered in an aluminium storage box.

## **WP 300.12**

### **Measuring magnifier for Brinell hardness test**

Required accessories

WP 300	Materials testing, 20kN
or	
WP 310	Materials testing, 50kN
with	
WP 310.01	Experimental setup for Brinell hardness test