

# Product information

## Calibration measuring instruments Precimar ULM 300-E

### Package contains

Standard software 828 WIN  
"Free measuring", PC evaluation unit (without monitor), Magnetic holder for temperature probe,  
Pair of measuring brackets, immersion depth 14 mm, 2 parallel gage blocks 60/20, 2 quick clamps, 2 measuring heads with spherical zone, Setting gage 2, USB stick, Weights 0.25/0.5/1.0/2.0N, Hexagonal wrench, Screwdriver, Accessories package



### Application

Calibration of:

- Plain plug gages and gage rings
- Setting gage rings
- Snap gages
- Spherical gage blocks, internal micrometers
- Gage blocks
- Thread gages
- Taper thread gages
- Gear gages
- Taper gages
- Dial indicators
- Dial comparators
- 2-point bore gages
- Outside micrometers
- 2-point inside micrometers
- Length measurement on precision table

Item no.: **5350258**

### Technical data

|   |  |
|---|--|
| <b>Measuring range for outer measurement [mm]</b>   | 0 to 305   |
| <b>Measuring range for inner measurement [mm]</b>   | 0.5 to 150   |
| <b>Direct measuring range [mm]</b>  | 100  |
| <b>Measuring uncertainty <math>MPE_{E1}</math> (<math>L \leq (0.09+L/2000)</math> in mm) [<math>\mu\text{m}</math>]</b> |  |
| <b>Repeatability [<math>\mu\text{m}</math>]</b>   | $\leq 0.05$  |
| <b>Measuring forces [N]</b>   | 0.2 ; 1.0 to 4.5 ; 11  |
| <b>Device length [mm]</b>   | 685  |
| <b>Mass [kg]</b>  | 110  |
| <b>Device dimensions</b>  | 1080 / 1500 / 2000 x 380 x 480<br>ULM 300-E: 685 x 280 x 480 |