

Product information

Calibration measuring instruments Precimar ULM 520 S-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

Item no.: 5350267

Technical data

Measuring range for outer measurement [mm]	0 to 520
Measuring range for inner measurement [mm]	0.5 to 365
Direct measuring range [mm]	Outer measurement: 0 to 520 Inner measurement: 0.5 to 365
Measuring uncertainty MPE_{E1} (L in mm) [μm]	only with ABBE measuring element: $MPE E1 ? (0.09+L/2000)$ with base bed measuring system: $MPE E1 ? (0.6+L/1000)$
Repeatability [μm]	With Abbe measuring element: ≤ 0.05 With base bed measuring system: ≤ 0.2
Measuring forces [N]	0.2 ; 1.0 to 4.5 ; 11
Device length [mm]	1080
Mass [kg]	160
Device dimensions	1080 x 380 x 480