

Product information

Calibration measuring instruments Precimar ULM 1500 L-E

Product features

Universal length measuring instruments with laser measuring system are mounted on highly homogeneous rigid granite in a horizontal configuration

X-axis measuring system:

Interferential laser measuring system, 525 or 1115 mm long

Z-axis measuring system:

Renishaw incremental, precision length measuring system, 80 mm long



Package contains

Standard software 828 WIN "Free measuring", PC evaluation unit (without monitor), Magnetic holder for temperature probe, Support table, 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

Item no.: **5350264**

Technical data

Device dimensions	2300 x 380 x 480
Measuring range for outer measurement [mm]	0 to 1620
Measuring range for inner measurement [mm]	0.5 to 1465
Direct measuring range [mm]	0 to 1115
Measuring uncertainty MPE_{E1} (L in mm) [μm]	$\leq (0,1+L/2000)$
Measuring forces [N]	0.2 ; 1.0 to 4.5 ; 11
Repeatability [μm]	$\leq 0,05$
Device length [mm]	2300
Mass [kg]	325

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