

Product information

Calibration measuring instruments Precimar ULM 800 L-E

Product features

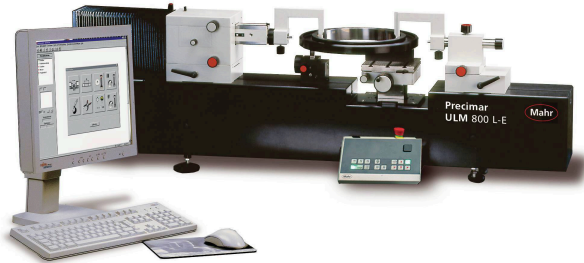
Universal length measuring instruments with laser measuring system are mounted on highly homogeneous rigid granite in a horizontal configuration

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, 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.: 5350263

Technical data

Device dimensions	1500 x 380 x 480
Measuring range for outer measurement [mm]	0 to 830
Measuring range for inner measurement [mm]	0.5 to 670
Direct measuring range [mm]	0 to 525
Measuring uncertainty MPE_{E1} (L in mm) [μ m]	$\leq (0,1+L/2000)$
Measuring forces [N]	0.2 ; 1.0 to 4.5 ; 11
Repeatability [μ m]	$\leq 0,05$
Device length [mm]	1500
Mass [kg]	220

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