

Product information

Precision length measuring machine Precimar CIM 1000 CNC

Package contains

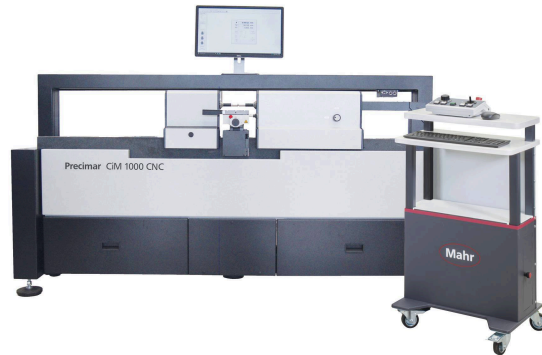
Standard software 828 WIN
"Free measuring", PC evaluation
unit (without monitor), 2 parallel
gage blocks 60/20, 2 plug-
in heads Ø 5mm, 2 quick
clamps, Pair of measuring
brackets 90/60 Ci/a, USB stick,
Accessories package

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
- Dial indicators
- Dial comparators
- 2-point bore gages
- Outside micrometers
- 2-point inside micrometers
- Precision length measurement
- Measurement of thin-walled and deformed workpieces

Item no.: **5350701**



Technical data

Measuring range for outer measurement [mm]	0 to 1000
Measuring range for inner measurement [mm]	0.5 to 845
Direct measuring range [mm]	300
Measuring uncertainty MPE_{E1} (L in mm) [μm]	$\leq (0.055 + L/1500)$
Repeatability [μm]	$\leq 0,03$
Position deviation / error limit (L in mm) [μm] *	$\leq (0.04 + L/2000)$
Contacting speed with joystick (max)	8
Measuring forces [N]	0 to 13.9
Device length [mm]	2500
Mass [kg]	840
Table surface (A x B) mm	150 x 350