

# Product information

## Setting and measuring instrument Precimar Linear 1200

### Product features

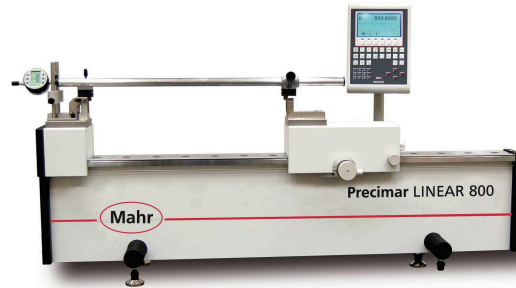
LINEAR length measuring instruments from Mahr are ideal for use as a setting and adjusting instrument close to the production area. They offer precision setting of inside and outside comparative measuring instruments, inside micrometers, 2-point bore gages, dial comparator snap gages and many other measuring instruments.

As an infinitely adjustable dimensional standard, the LINEAR is a cost effective alternative to setting gages, adjustment rings and gage blocks.

Key advantages include the ease of handling, short set-up time and ability to set any dimension. A switchable measuring force regulator, for both outside and inside measurements, delivers user independent measuring results.

### Application

- Setting comparative measuring instruments, e.g. Multimar 844 T
- Setting 2-point bore gages, e.g. Intramess 844 N
- Setting dial comparator snap gages, e.g. MaraMeter 840 F
- Checking and setting outer micrometers
- Checking setting standards, rods etc.
- Checking calipers
- Checking and setting inside micrometers
- Measuring cylindrical parts
- Measuring inner dimensions and bores, etc.



Item no.: **5357303**

### Technical data

<b>Device dimensions</b>	1,650 x 240 x 460
<b>Measuring range for outer measurement [mm]</b>	0 to 1215
<b>Measuring range for inner measurement [mm]</b>	40 to 1255
<b>Measuring uncertainty <math>MPE_{E1}</math> (<math>L \leq (0,7 + L/1000)</math> in mm) [<math>\mu\text{m}</math>]</b>	
<b>Measuring forces [N]</b>	3
<b>Repeatability [<math>\mu\text{m}</math>]</b>	$\leq 0.5$
<b>Device length [mm]</b>	1650
<b>Mass [kg]</b>	approx. 210

### Accessories

Order no.	Designation	Product type
7024634	Data connection cable RS232C	
4102333	Adapter cable RS232-USB	817 USB