

Electronic Snap Gage 840 E MaraMeter E for extremely high accuracy

Features

- Inductive measuring system incorporated directly into frame
- Readings selectable down to 0.01 μm
- Rugged, forged steel frame with heat insulators
- Measuring spindle mounted in extra long guideway with lever-controlled retraction
- Anvil spindle can easily be fine adjusted
- Measuring spindle and anvil spindle made of hardened stainless steel; measuring faces carbide-tipped
- Adjustable center stop for automatic alignment
- Extremely accurate due to the straight transfer of spindle movement to the inductive measuring system according to the Abbe principle
- Universally applicable and extremely versatile, each instrument spans a broad measuring range, within this range any dimension and fit can be very quickly and easily adjusted
- Maximum wear resistance due to non-contact positioning in conjunction with carbide-tipped measuring faces
- Constant measuring force as a result of built-in spring, thus eliminating user influence

Accessories

Reference Discs 390 see Chapter 13

Gage Blocks see Chapter 13

Stand 840 Ff see below

Recommended indicating instruments:

Electrical indicating instruments; recommended are C 1208 M and 1240, please refer to Chapter 7



Technical Data

Measuring range	0-25 mm
Readings / Resolution adjustable to*	0.01 μm
Measuring force	4.5 N
Measuring face dia.	7.5 mm
Repeatability	$\leq 0.1 \mu\text{m}$
Parallelism of measuring surfaces	$\leq 0.3 \mu\text{m}$

Order no. (without indicating instrument)	4453000
Order no. Wooden case	4453010

* Depending upon which indicating instrument is being used

Stand 840 Ff

- For stationary application in conjunction with the following measuring instruments **840 F/FC, 840 FH, 840 FG, 840 FM, 840 E** and **852**
- User has both hands free for insertion of work piece and retraction of moving spindle
- Indicating instrument is always in operator's field of vision
- Rugged, rigid cast-iron stand with clamp for locking the indicating snap gage
- Indicating snap gage is locked in mounting hole for dial comparator
- Only in conjunction with **Holder 840 Fk**



Catalog no.	Suitable for instruments with measuring ranges (mm)	Order no.
840 Ff	0 - 25	4450020