Product information

Universal measuring instrument Multimar 844 T

Item no.: **4503005**

Product features

The Multimar 844 T is a comparison measuring device with very high precision. Its special feature is that it can be converted for a wide variety of measuring tasks as well as for problematic measuring areas.

- For easy adaptation to individual measuring tasks, optional accessories include:
  - Interchangeable measuring arms
  - Contact blocks
  - Stop elements
- The movable measuring arm carrier is mounted on a high precision ball bearing guide for reduced play and friction
  - Results in high measuring sensitivity, accuracy and free movement
- Stable support elements for repeatable measurements
- Constant measuring force with integrated measuring force spring
- Reversible measuring force direction for outside and inside measurement
- Highly stable, precision ground, hard chrome plated guide tube
- Lightweight construction with core made from carbon fiber reinforced plastic (CRP) tube, for measuring range 1000-1500 mm
- The stationary measuring arm holder can be moved along the guide tube and clamped for coarse adjustment

Application

Ideal for universally adapted measuring at difficult measuring points:

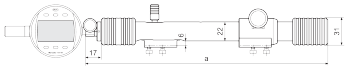
- External and internal measurement of lengths, widths, diameters, distances
- External and internal threads
- Centering shoulders, narrow collars, recesses and grooves
- External and internal tapers
- External and internal gears
- and more

Technical data

Application range, outside	970 - 1470
Application range, inside	1000 - 1500
Measuring force	10 N
Product weight	2.52 kg

Dimensions

Dimensions a in mm	1680 mm



Accessories

Order no.	Designation	Product type
4503030	Mounting attachments	844 Tma
4503031	Mounting attachments	844 Tmi
4503024	Measuring arms	844 Te
4503025	Measuring arms	844 Te
4503026	Measuring arms	844 Te
4503027	Measuring arms	844 Te
4503109	Depth stops for 844 Tma, 844 Tmi, 844 Te	844 Tw
4450512	Stand	844 Tf