# Product information

## Universal measuring instrument Multimar 844 T

Item no.: **4503008**

**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:

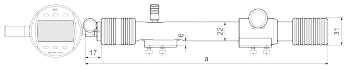
- External and internal measurement of lengths, widths, diameters, distances
- External and internal threads
- Centering shoulders, narrow collars, recesses and grooves
- External and internal tapers
- External and internal gears
- and more

### Technical data

| | |
|---|---|
| **Application range, outside** | 2470 - 2970 |
| **Application range, inside** | 2500 - 3000 |
| **Measuring force** | 10 N |
| **Product weight** | 3.26 kg |

### Dimensions

| | |
|---|---|
| **Dimensions a in mm** | 3180 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 |