

# Multimar 844 T

## Universal measuring instrument

### FEATURES

- 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
- **Package contains:** instruction manual, mounting and resting blocks, wooden case, excludes indicator, without arms/ attachments and anvils



### Applications:

- 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

Order no.	Type	Application range outside	Application range inside	Measuring force	Probe path	Product weight
		mm	mm	N	mm	kg
4503001	844 T	0 –85	30 –115	5	12	0.78
4503002	844 T	80 –235	110 –265	5	12	1.01
4503003	844 T	230 –585	260 –615	5	12	1.59
4503004	844 T	580 –985	610 –1015	5	12	2.22
4503005	844 T	970 –1470	1000 –1500	10	12	2.52
4503006	844 T	1470 –1970	1500 –2000	10	12	2.68
4503007	844 T	1970 –2470	2000 –2500	10	12	2.86
4503008	844 T	2470 –2970	2500 –3000	10	12	3.26
4503009	844 T	2970 –3470	3000 –3500	10	12	3.43
4503010	844 T	3470 –3970	3500 –4000	10	12	3.62
4503011	844 T	3970 –4470	4000 –4500	10	12	3.81