

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



Application:

- 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
- etc.



TECHNICAL DATA

Order no.	Product type	Application range		Measuring force	Travel of movable anvil	Product weight
		outside	inside			
		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