

Mitutoyo

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Mitutoyo Corporation
80th Anniversary
Since 1934



MEASURING MICROSCOPE TM-505 / TM-510 PROMOTION!

VALID FROM JULY 1, 2015. WHILST STOCKS LAST!

GENERAL



Measuring Microscope TM-505 / TM-510

Compact microscopes for inspection and measurement of machined workpieces.

TM-505 and TM-510 are compact microscopes well suited for measuring dimensions and angles of machined parts. It can also be used to check the shape of screws and gears by attaching an optional reticle. Its robust design makes it an ideal instrument for use in shop floor environments.

Eyepiece protractor

The eyepiece section of the optical tube incorporates a vernier protractor. Angle measurement is performed easily by turning the protractor to align the cross-hair reticle with the workpiece image.

- > Enables easy measurement of a wide range of products
- > Enhanced functionality and a wide range of accessories
- > Suitable for various applications



Cutting tools



Gear



Metal, plastic and electrical industry



Electric components



Wide range of interchangeable reticles

- Metric screw threads (pitch = 0,25 - 1 mm)
- Metric screw threads (pitch = 1,25 - 2 mm)
- 55° angle
- 60° angle
- Whitworth screw threads (60 - 26TPI)
- Whitworth screw threads (24 - 18TPI)
- Whitworth screw threads (16 - 11TPI)
- Concentric circle
- (up to \varnothing 4 mm, 0,05 mm increment)
- 20° involute gear teeth (normal rack type) and many more.



TM-510

TM-505

(Shown with optional micrometer heads)



DON'T MISS OUT ON THIS PACKAGE! INCLUDING:

~~€ 5.917~~
€ 4.440

- ✓ **TM-505 microscope**
XY table 50 x 50 mm
- ✓ **2x digital micrometer head**
0-50 mm*
- ✓ **Contour and surface illumination**
- ✓ **Comfortable 30X magnification with 2X lens and 15X eyepiece**



Article No.	Designation	List price €	
176-816D	TM-505 microscope	4.403	Set price: € 4.440
164-163	2x digital micrometer head	1.514	



DON'T MISS OUT ON THIS PACKAGE! INCLUDING:

~~€ 7.335~~
€ 5.470

- ✓ **TM-510 microscope**
XY table 100 x 50 mm
- ✓ **2x digital micrometer head**
0-50 mm*
- ✓ **Gauge block**
50 mm Grade 1*
- ✓ **Contour and surface illumination**
- ✓ **Comfortable 30X magnification with 2X lens and 15X eyepiece**



Article No.	Designation	List price €	
176-817E	TM-510 microscope	5.783	Set price: € 5.470
164-163	2x digital micrometer head	1.514	
611675-031	Gauge block	38	

SUGGESTED OPTIONS

Many accessories available to enhance the functionality of the measuring microscopes, making them suitable for an even larger range of applications.

2D Data Processing Unit QM-Data

Enhancement of functionality by simplified key operation

2D data processing unit QM-Data 200 adds new features of 2D coordinate measurement. By connecting a USB CCD camera digital images can be captured for observation, on-screen measurements and reporting.



Digital USB camera with ocular adapter



LED ring light



The adjustable LED circular illumination provides more than twice the intensity of the standard oblique surface illumination system and mounts easily to the OD of the objective lens.

No.	Designation	List price €
264-155D	2D Data Processing Unit QM-Data 200	3.049
959149	Signal cable (1 m)for QM-Data 200	39
959150	Signal cable (2 m)for QM-Data 200	45
011466	DMX-2 Digimatic to RS232C interface	358
63AAA028	RS232C connection cable	15
937179T	Footswitch for QM-Data 200	43
011491TM	Digital USB camera with ocular adapter	2.040
63AAA001	LED ring light with adjustable light intensity	400

* Price is only valid when bought in combination with TM-505 or TM-510
** Mitutoyo's non-binding price recommendation, ex-works, VAT not included.



**Whatever your challenges are,
Mitutoyo supports you from start to finish.**

Mitutoyo is not only a manufacturer of top quality measuring products but one that also offers qualified support for the lifetime of the equipment, backed up by comprehensive services that ensure your staff can make the very best use of the investment.

Apart from the basics of calibration and repair, Mitutoyo offers product and metrology training, as well as IT support for the sophisticated software used in modern measuring technology. We can also design, build, test and deliver bespoke measuring solutions and even, if deemed cost-effective, take your critical measurement challenges in-house on a sub-contract basis.



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