

NEW



MT5500 Series

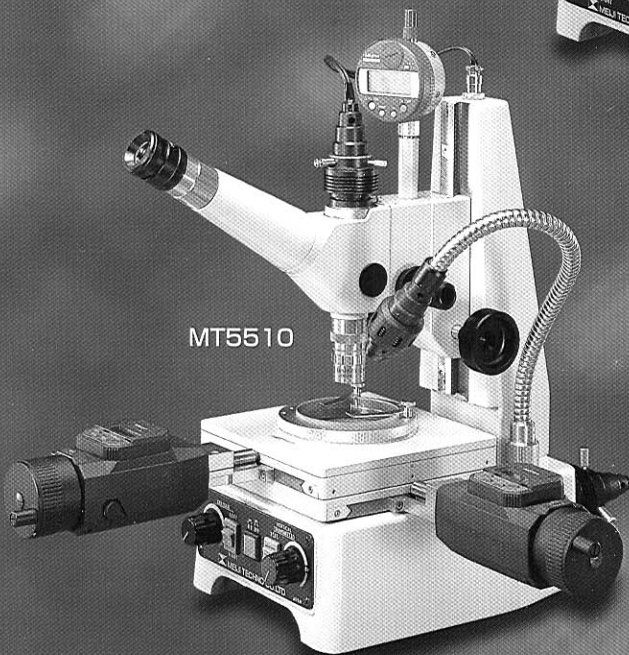
MEASURING MICROSCOPE

A versatile measuring microscope with 50mm x 50mm (X-Y) travel measuring stage for measuring length, form and angles of precision parts, tools and jigs etc.

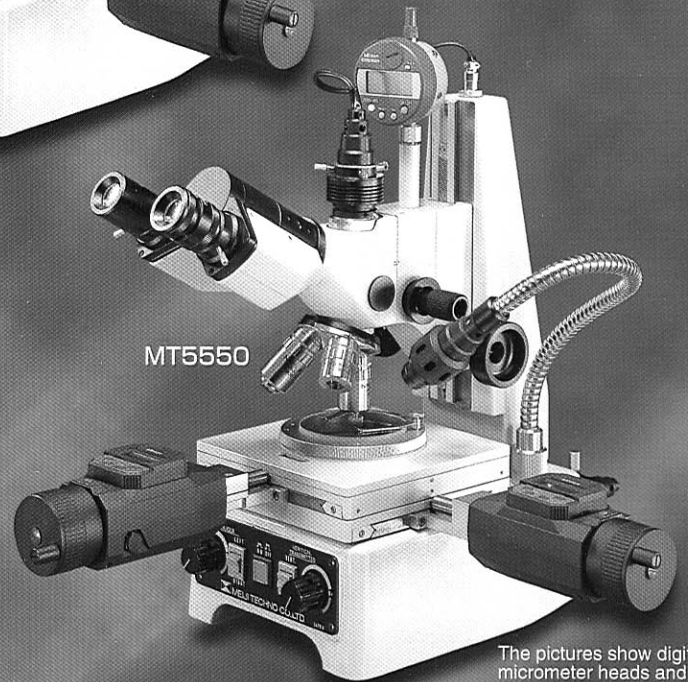
Infinity Corrected Optics



MT5530



MT5510



MT5550

The pictures show digital micrometer heads and digital indicators which are OPTIONAL.

STANDARD SPECIFICATION

MODEL		MT5510	MT5530	MT5550				
VIEWING HEAD & OPTICS	HEAD	Monocular, erect image, 30° inclined		Binocular, erect image, 30° inclined	HEIGHT MEASUREMENT	For use with a Digital Indicator of stem diameter 3/8", special Supporter and Extension rod are provided. Digital indicator is not included.		
	EYEPIECE	10X-Focusing with dotted crossline reticule		10X-Focusing with dotted crossline reticule & 10X non-focusing eyepiece		FOCUSING	Coarse focus Focusing range 90mm by rack and pinion focusing knobs	
	OBJECTIVES	Infinity corrected S.Plan M4X, M10X, M40X					FINE FOCUS	Focusing range 2mm by fine focusing knobs
	NOSEPIECE	Single	Triple					
ILLUMINATORS	TRANSMITTED	8V, 12W frosted bulb, blue and green filters with centering screws				ACCESSORIES	Spare bulbs (4 pcs of 8V, 12W frosted bulb, 4 pcs of 8V, 15W clear bulb), Stage glass plate, screwdriver, Main cable, Dust cover, 1pair of long stage clip, 1 pair of short stage clips and Instruction manual	
	REFLECTED	8V, 15W clear bulb, centerable socket, green filter						
	OBLIQUE	8V, 15W clear bulb, green filter						
	POWER	117V or 220/240V (To be specified when ordered)						
MEASURING STAGE	50mm x 50mm (X-Y) travel stage, with a 360° rotatable circular stage reading to 5' by vernier, including 72mm diameter clear glass plate and two pairs of stage clips. (Fixtures for Micrometer heads of stem diameter 18mm are provided but micrometer head is not included.)							
					SIZE & WEIGHT	MT5510 : 172 x 245 x 345mm (WxDxH), 20.3Kg net. MT5530 : 172 x 245 x 345mm (WxDxH), 20.3Kg net. MT5550 : 172 x 240 x 345mm (WxDxH), 21.0Kg net. (Size and weight are without micrometer head, dial gauge and reflected light.)		

COMPONENTS & ACCESSORIES

MT5500 Series

VIEWING TUBE & EYEPIECES (DIN)

- MA599** Monocular tube (Included in Model MT5510)
- MA588** Binocular tube (Included in Model MT5550)
- MA352** Widefield 10X, focusing eyepiece, with dotted crossline reticule (Included)
- MA406/05** HWF10X eyepiece (Included in Model MT5550)
- MA584** Protractor eyepiece 10X

OBJECTIVES (Infinity corrected)

- MA390** S-Plan M3X, N.A.0.075, W.D. 53mm
- MA336** S-Plan M4X, N.A.0.10, W.D. 20mm (Included)
- MA330** S-Plan M5X, N.A.0.10, W.D. 20mm
- MA337** S-Plan M10X, N.A.0.25, W.D. 9.4mm (Included)
- MA338** S-Plan M20X, N.A.0.40, W.D. 5.2mm
- MA339** S-Plan M40X, N.A.0.65, W.D. 0.81mm (Included)
- MA344** S-Plan M50X, N.A.0.70, W.D. 0.36mm
- MA349** S-Plan LWD M50X, N.A. 0.50, W.D. 6.0mm
- MA329** S-Plan M60X, N.A.0.85, W.D. 0.38mm
- MA328** S-Plan M100X, N.A.0.75 Dry, W.D. 0.27mm

STAGE

- MA579** Measuring stage 50mm x 50mm (X-Y) travel, with a 360° rotatable circular stage reading to 5' by vernier, including 72mm diameter Glass plate, with fixtures for micrometer heads of stem diameter 12mm and 18mm (Included)

VIDEO & PHOTOMICROSCOPY ACCESSORIES

- MA580** TV camera adapter
- MA581** Vertical illuminator to fit between objective and microscope body for TV and photomicrography
- MA582** Camera adapter
- CK3900N** CCD Color camera, 1/3" CCD, 450 TV lines horizontal resolution, NTSC with AC adapter
- CK3900P** CCD Color camera, 1/3" CCD, 450 TV lines horizontal resolution, PAL, with AC adapter
- PMX100** Large format camera with built-in 10X photo lens, eyepiece, mechanical shutter and cable release (without film holder)
- PMX100/405** Large format camera with built-in 10X photo lens, eyepiece, mechanical shutter, cable release and Polaroid #405 3 1/4" x 4 1/4" pack film holder.
- EX-2** Electronic exposure meter for use with PMX100, AC100V~240V, 50/60Hz

MICROMETER HEADS & DIAL GAUGES

- MA365** Micrometer drum, 25mm stroke
- 164-162** MITUTOYO Digimatic Micrometer Head, 0~50mm/0.2" (Recommended)
- MA587** Dial Gauge, range 1mm, reading 0.001mm (Included)
- 543-180** MITUTOYO Digimatic Indicator, range 0.5"/12.7mm (Recommended)
- MA720** Supporter for Digital Indicator of stem diameter 3/8"
- MA721** Extension rod for Digital Indicator of stem diameter 3/8"

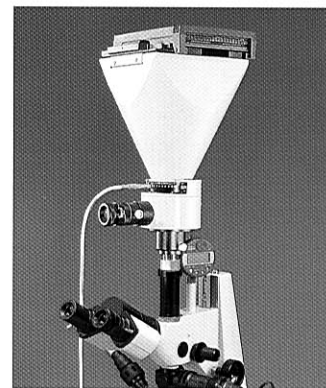
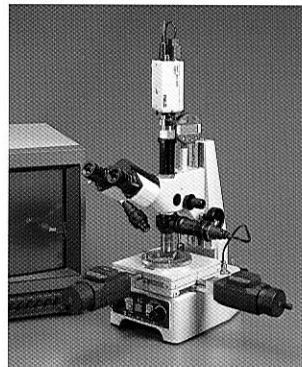
ILLUMINATORS

- MA353** Transmitted illuminator, 8V 12W frosted bulb, including 2 spare bulbs (Included)
- MA354** Vertical illuminator, 8V 12W clear bulb, including 2 spare bulbs (Included)
- MA804** Oblique illuminator, 8V 15W clear bulb, including 2 spare bulbs (Included)
- MA357** Spare bulb, 8V 12W frosted
- MA358** Spare bulb, 8V 15W clear
- MA359** AC cord with plug

OTHERS

- MA366** Glass stage plate 72mm diameter (Included)
- MA367** Stage clips, long (paired, Included)
- MA368** Stage clips, short (paired, Included)

Picture shows Measuring Microscope equipped with CK3900 CCD Color camera, MA580 TV camera adapter and MA581 vertical illuminator.



▲ Picture shows Measuring Microscope equipped with PMX100/405, MA582 camera adapter and MA581 vertical illuminator.

Agent

MEIJI TECHNO AMERICA

2186 Bering Drive
San Jose, CA., 95131, USA
Phone : 408-428-9654 Fax : 408-428-0472
Toll free : 800-832-0060



MEIJI TECHNO CO.,LTD.

6, Oi-670, Oi-machi, Iruma-gun
Saitama 356-0053, Japan
Phone : 492-67-0911
Fax : 492-69-0691, 492-69-0692
<http://www.meijitechno.com>