



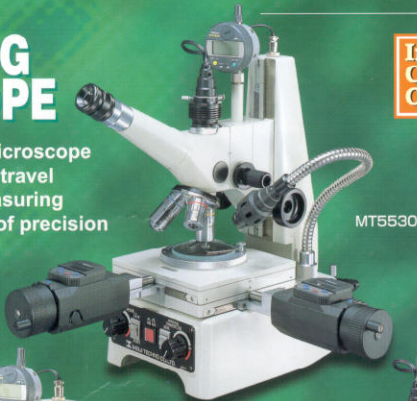
MT5500 Series

NEW

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	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.		
VIEWING HEAD & OPTICS	HEAD	Monocular, erect image, 30° inclined		Binocular, erect image, 30° inclined	FOCUSING	Coarse focus	Focusing range 90mm by rack and pinion focusing knobs	
	EYEPIECE	10X-Focusing with dotted crossline reticule		10X-Focusing with dotted crossline reticule & 10X non-focusing eyepiece		Fine focus	Focusing range 2mm by fine focusing knobs	
	OBJECTIVES	Infinity corrected S Plan M4X, M10X, M40X				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, Pair of long stage clip, 1 pair of short stage clips and instruction manual)	
	NOSEPIECE	Single	Triple				MEASURING STAGE	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.)
ILLUMINATORS	TRANSMITTED	8V, 12W frosted bulb, blue and green filters with centering screws		POWER	117V or 220/240V (To be specified when ordered)			
REFLECTED	8V, 15W clear bulb, centerable socket, green filter		MEASURING STAGE		50mm x 50mm (X-Y) travel stage, with a 360° rotatable circular stage reading to 0.1° 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.)			
OBLIQUE	8V, 15W clear bulb, green filter			MEASURING STAGE	50mm x 50mm (X-Y) travel stage, with a 360° rotatable circular stage reading to 0.1° 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.)			
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 0.1° 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.)			

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 HWF 10X 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)
MA336 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

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