

## Ceti Max III Binocular Compound Microscope (4x, 10x, 40x, 100x Plan Achromatic)

**Product Code:** I203.2005

**Brand:** Ceti

Ceti's Max III Binocular Compound Microscope (4x, 10x, 40x, 100x Plan Achromatic) is known for its robust construction and simple operation. This durable microscope is an excellent choice for carrying out everyday applications in teaching laboratories.

It is equipped with four high clarity Plan Achromatic objectives. This microscope also has a fixed wide-field 10x eyepiece, a quadruple reversed nosepiece, mechanical stage, and Brightfield Abbe condenser.

With a bright white 3W LED light source, this microscope can produce dramatic and high-quality images.



### INTEGRAL CARRYING HANDLE

Allows for one handed transportation of the microscope.



### OBJECTIVES

A wide variety of high clarity objectives are available with Plan Achromatic optics.

All objectives are colour coded to ease identification when in use.



### PRECONDENSER

Fixed lens, which is removable to accept a mirror (for locations without power) and to allow for lamp replacement.



### REVERSED NOSEPIECE & FULL MECHANICAL STAGE

Quadruple reversed, so providing easy uninterrupted access to the stage when changing over slides. Has full X/Y movement and spring loaded slide holder.

# Specifications

<b>Optical Head</b>	Binocular, inclined at 45°
	Interpupillary distance adjustment (Siedentopf type): 47 to 78mm
	Dioptric adjustment on one eyepiece
<b>Eyepieces</b>	10x/18mm wide-field (pointer in one eyepiece)
<b>Nosepiece</b>	Quadruple reversed, revolving with click stop
<b>Objectives</b>	4x, 10x, 40x, 100x Plan Achromatic
<b>Condenser</b>	Brightfield Abbe NA 1.25 - precentred, focusable
	Iris diaphragm and filter holder
<b>Stage</b>	160 x 140mm with built-in mechanical stage
	75 x 50mm movement, Vernier scale
<b>Focusing Knobs</b>	Coaxial coarse and fine with stop
<b>Mains Power</b>	220 - 240V / 50 - 60Hz
<b>Converter</b>	Built-in low voltage (3.2 - 3.5V electric)
<b>Illumination</b>	LED 3W with intensity control (Halogen also available)
<b>Supplied With</b>	Immersion oil (5ml), blue filter, dust cover, power cord with unique 'self-store' system, and instruction manual

# Accessories

CODE	DESCRIPTION	CODE	DESCRIPTION
	<b>Accessories</b>		
1202.4016	Eye piece single, 16x / 18mm wide-field	1202.1401	Aluminium case
1202.4017	Eye piece pair, 16x / 18mm wide-field	1203.2202	Mirror, plan concave, with holder
1202.1005	Eye piece pair 10x/18mm wide-field	1202.4888	C mount adapter
2249.1001	Object micrometer with scale 1mm 0.01mm used with micrometer eyepiece	2280.0101	Immersion oil 5 ml
1202.4007	Eye piece micrometer 10x/18mm with cross line scale 0-18mm 0.1mm (single)	2480.2075	Cleaning set lens cleaning tissues (20 pcs) + solution (75ml) + brush
1202.4020	Objective achromatic 20x / 0.40 / 160 / 0.17		<b>Spare Parts</b>
1202.4066	Objective achromatic 60x / 0.85 / 160 / 0.17 (dry) spring loaded	2260.4000	Bulb halogen 6V/20W/G4 Each
1202.5507	Polarising set, analyser + polariser	2260.5000	LED 5W replacement.
1202.4603	Darkfield condenser NA 0.9	1202.4004	Objective achromatic 4x / 0.10 / 160 / 0.17
1202.4703	Darkfield condenser oil NA1.25-1.36	1202.4010	Objective achromatic 10x / 0.25 / 160 / 0.17
1202.4999	Turret phase contrast kit with Ach 10x, 40x 100x phase objectives	1202.4040	Objective achromatic 40x / 0.65 / 160 / 0.17 spring loaded
1202.4777	Simple phase contrast kit with Ach 10x 40x phase objectives and separate condenser	1202.4100	Objective achromatic 100x / 1.25 / 160 / 0.17 (oil) spring loaded
2460.2002	Heating stage 150x130cm Amb to 50° C including controller	1202.4601	Condenser Abbe (NA 1.25) with iris diaphragm + filter holder
		1202.9212	Filter blue Ø 32mm
		2299.1524	Fuse 5x 20/500 MA (10 pcs)

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