



Next Scope, Better Solution

CMD500 Series

DIGITAL MICROSCOPE

The CMD500 Digital Microscope has all the features of Nexcope flag ship CM500 Series with added feature of digital system. The digital system is of full function digital camera taking crystal clear 3 megapixel stills which can be stored internally or on its built-in SD port for transfer to a computer. The digital system has a 2.5" flip up, pivoting view finder screen that stores neatly when not in use.

General Features:

The CMD500 digital microscope has all the advanced features of the CM500 series with the benefit of taking high resolution digital stills viewed through its 2.5" flip up viewfinder screen.

Illumination System:

The CMD500 is powered by with the latest high power 3 watt LED lighting system that renders a more uniform output enhancing the quality of the images with a much higher color temperature beam, while producing little or no heat.

Digital System:

The CMD500 is of a 3 Megapixel CMOS digital camera. Images can be captured in either fine resolution for the best possible at 2048 x1536 or lower for added memory space. Easy to follow on screen menu for all camera adjustments.

Memory Storage:

The CMD500 is equipped with built in 16Mbyte of memory and SD card reader/writer which can handle up to 3 Gigabyte cards.

Video Output:

The output/input panel is neatly placed in the back of the scope offering RCA, S-Video and USB-2 interface with MSDC (Microsoft Direct Connection) support of Windows Me,2000, XP and Vista.



Features At A Glance

- ◇ **W10X 20mm eyepieces standard**
- ◇ **High Performance objectives from Semi Plan to research grade Plan Achromatic**
- ◇ **Multi Discipline System: Bright field, Dark field and Phase Contrast**
- ◇ **Scratch resistant coated stage**
- ◇ **3 Megapixel CMOS chip**
- ◇ **2.5" flip up screen**
- ◇ **SD disk storage up to 3 gigabyte**
- ◇ **16 megabyte of internal storage**
- ◇ **RCA, S-Video output**
- ◇ **USB-2 connectivity w/image software**
- ◇ **MSDC support of Windows XP, VISTA**

Nexcope

CMD500 Series

Specifications



All Input/Output connections are neatly laid out on the back panel. No messy wires in critical work areas.

Digital Specifications:

- 3.0 Megapixel CMOS chip
- 2048 x 1536 pixel digital stills
- USB video 640 x 480 pixel
- RCA (composite)
- S-video
- USB-2 w/MSDC support of Win Me, 2000, XP and VISTA
- SD storage up to 3 gigabytes
- 16 megabytes internal storage
- Record & Playback of images or video on LCD screen (15min)

LENGTH	WIDTH	HEIGHT	WEIGHT
9.5"	7.25"	15.75"	17 lbs

MODEL	HEAD	EYEPIECE	OBJECTIVES	CONDENSER	ILLUMINATOR
CMD504 w/ Semi-Plan	Binocular Seidentopf	W10XD 20mm FN	4XD, 10XD, 40XRD (sealed) 100XRD, Semi Plan	Abbe 1.25 NA (sealed) Rack & Pinion	LED 3W w/ dimmer switch
CMD505 w/Plan	Binocular Seidentopf	W10XD 20mm FN	4XD, 10XD, 40XRD (sealed) 100XRD, Plan	Abbe 1.25 NA (sealed) Rack & Pinion	LED 3W w/ dimmer switch
CMD506 w/Plan Phase	Binocular Seidentopf	W10XD 20mm FN	4X, 10X Phase, 40X (sealed) Phase, 100X Phase, Plan	Abbe 1.25 NA (sealed) w/ Bright Field, Dark Field & Phase Contrast carousel	LED 3W w/ dimmer switch

Note: All models can be configured with a 5 hole nosepiece in your choice of objectives. Special order only. Call for more information on this and other configurations.

Accessories for CM500 Series:

OCCULAR HEAD

- CMA570 Binocular seidentopf head
CMA571 Trinocular seidentopf head w/ Ø23.2mm port

EYEPIECES

- CMA573 W10XD, 20mm
CMA574 W10XD, 20mm w/ scale (cross, 0.01mm)
CMA575 W15XD

OBJECTIVE KITS

- CMA520 4XD, 10XD, 40XRD (Sealed), 100XRD, Semi Plan
CMA530 4XD, 10XD, 40XRD (Sealed), 100XRD, Plan

PHASE CONTRAST

- CMA550 Carousel Phase Kit
Includes 4X, 10X Phase, 40X Phase, 100X Phase plan objectives, multi phase carousel for phase, bright field & dark field, 1.25NA condenser, centering telescope and green filter
- CMA560 Professional Phase Kit
Includes plan phase objectives 10X, 20X, 40X, 100X, turret with 1.25NA condenser, centering telescope and green filter

DARK FIELD CONDENSER

- CMA576 Dark field condenser
CMA577 Dark field condenser- higher contrast and higher brightness
CMA578 Dark field plan objective 100X with iris diaphragm

KOHLER ILLUMINATION

- CMA579 Kohler Illumination Collector w/ field diaphragm

ISO9001 : 2000



00109Q11543R2M/3

ISO14001 : 2004



00107E20511R0M/330



Design Changes: Nexcope

reserves the right to make changes in instrument design in accordance with changes in technology without notice or obligation.

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Authorized Dealer:

CMD500 Series Accessories

- CMA520 4XD, 10XD, 40XRD (Sealed), 100XRD, Semi Plan Objective Kit
- CMA521 4XD Semi Plan Objective
- CMA522 10XD Semi Plan Objective
- CMA523 20XD Semi Plan Objective
- CMA524 40XRD Semi Plan Objective
- CMA525 60XRD Semi Plan Objective
- CMA526 100XRD Semi Plan Objective
- CMA530 4XD, 10XD, 40XRD (Sealed), 100XRD, Plan Objective Kit
- CMA531 4XD Plan Objective
- CMA532 10XD Plan Objective
- CMA533 20XD Plan Objective
- CMA534 40XRD Plan Objective
- CMA535 50XD Plan Objective (Oil)
- CMA536 60XD Plan Objective
- CMA537 100XRD Plan Objective
- CMA540 4XD, 10XD, 40XRD (Sealed), 100XRD Infinity Corrected Plan Objective Kit
- CMA550 Carousel Phase Kit, Includes 4XD, 10XD Phase, 40XD Phase, 100XRD Phase Objectives, Multi and Phase Carousel for Phase, Bright Field and Dark Field, 1.25NA Condenser, Centering Telescope Green Filter
- CMA560 Professional Phase Kit, Includes Plan Phase Objectives 10X, 20X, 40X, 100X, Turret with 1.25NA Condenser, Centering Telescope and Green Filter
- CMA570 Binocular Seidentopf Head
- CMA571 Trinocular Seidentopf Head
- CMA572 Infinity Corrected Binocular Seidentopf Head
- CMA573 W10XD FN20mm Eyepiece
- CMA574 W10XD FN20mm Eyepiece w/Scale (Cross, 0.01mm)
- CMA575 W15XD
- CMA576 Dark Field Condenser
- CMA577 Dark Field Condenser - Higher Contrast and Higher Brightness
- CMA578 Dark Field Plan Objective 100X with Iris Diaphragm
- CMA579 Kohler Illumination Collector w/Field Diaphragm