



Next Scope, Better Solution

# CM300 Series

## K-12 EDUCATIONAL COMPOUND MICROSCOPE

This precision microscope is our flag ship for use at all levels of K-12 education. Designed for many years of rugged use, this tamper resistant CM300 series is equipped with DIN Standard objectives and Wide Field 10x eyepiece to ensure that prepared slides and wet mounts render the best resolution possible. Four standard configurations available, in two different **Green Friendly** illumination systems.

### General features:

Each CM300 is die cast in aluminum and designed to with stands the constant rigors of the classroom. All removable parts are locked in for tamper proof security. Separate coarse & fine focus controls for ease of use with a slip clutch system to protect gears from eager students.

### Optics:

Each is equipped with DIN standard high quality optics in a three or four objective configuration. The 100x and 40x objectives are sealed to prevent contamination from contact with immersion oil.

### Illumination:

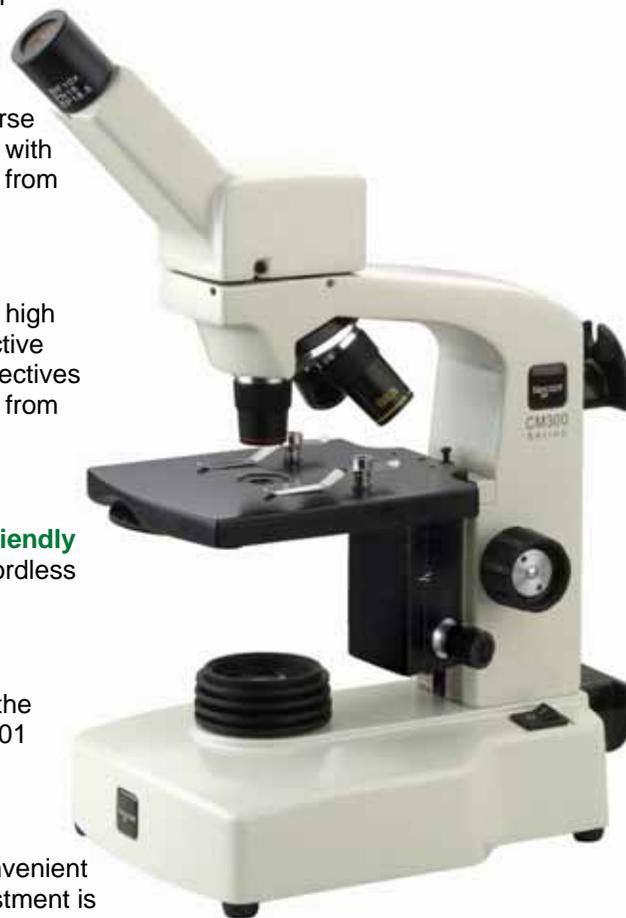
The CM300 is available in **Green Friendly** fluorescent and variable intensity, cordless LED for superior illumination.

### Quality Control:

Each CM300 is rigorously tested at the factory which is controlled by ISO9001 and ISO14001 system.

### Service After Sales:

Complete inventory of parts and convenient repair service ensure that your investment is well taken care of.



## Features At A Glance

- ◇ **W10X 18mm Eyepiece w/ pointer and scale**
- ◇ **Locked on eyepiece, slide clips**
- ◇ **All glass lenses**
- ◇ **Cord wrap on corded models**
- ◇ **Slip clutch gear protector**
- ◇ **Plastic Iris diaphragm protector**
- ◇ **Two Green friendly LED illumination systems (Fluorescent & LED)**
- ◇ **Rechargeable LED with long life bulb**
- ◇ **Cool white light**

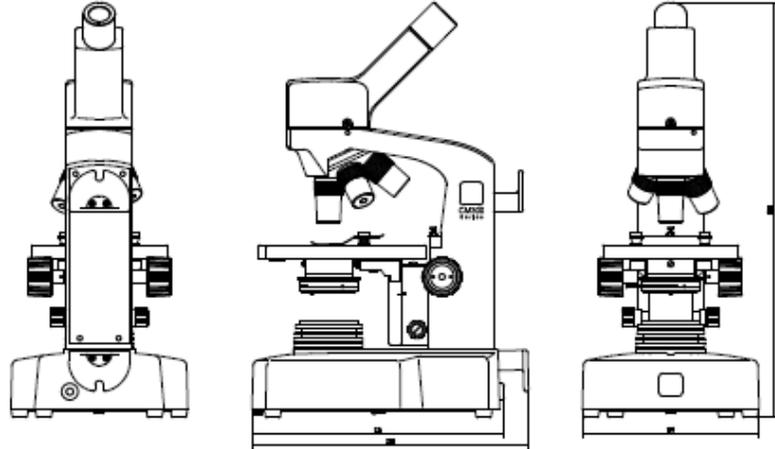
Nexcope

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## Specifications



CM302 w/ mechanical stage



LENGTH	WIDTH	HEIGHT	WEIGHT
8.26"	5.9"	14"	7.75lbs

MODEL	HEAD	EYEPIECE	OBJECTIVES	CONDENSER	ILLUMINATOR
CM301	Monocular	W10XD 18mm	4XD, 10XD, 40XRD (sealed)	Built-in 0.65 N.A. w/ disk diaphragm	5W Fluorescent
CM302	Monocular	W10XD 18mm	4XD, 10XD, 40XRD (sealed) 100XRD	Built-in spiral Abbe 1.25 NA (sealed) w/ mechanical stage	5W Fluorescent
CM303	Monocular	W10XD 18mm	4XD, 10XD, 40XRD (sealed)	Built-in 0.65 N.A. w/ disk diaphragm	Rechargeable LED w/ dimmer switch
CM304	Monocular	W10XD18mm	4XD, 10XD, 40XRD (sealed) 100XRD	Built-in spiral Abbe 1.25 NA (sealed) w/ mechanical stage	Rechargeable LED w/ dimmer switch

**Accessories for CM300 Series:**

**OCCULAR HEAD**

- CMA370 Binocular Seidentopf
- CMA371 Dual head

**EYEPIECES**

- CMA375 W10XD 18mm w/ measuring pointer
- CMA376 W10XD 18mm

**OBJECTIVES**

- CMA321 4XD Achromatic
- CMA322 10XD Achromatic
- CMA323 40XRD Sealed Achromatic
- CMA324 100XRD Achromatic

**Mechanical Stage**

- CMA382 Mechanical Stage

**MISCEL:**

- CMA335 UL/CE approved power charger/adapter

Authorized Dealer:

**ISO9001 : 2000**  
  
 00109Q11543R2M/3

**ISO14001 : 2004**  
  
 00107E20511ROM/330

CE

**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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