

# CM300H Hybrid Power

## EDUCATIONAL COMPOUND WITH HYBRID POWER GENERATION

Nexcope introduces its flag ship series with the **first of its kind patent, hybrid power generation**. The CM300H has all the features of the our best educational microscope with the added feature of using three types of power sources. AC, DC and self contained power generation. No more worries over lack of outlets or drained batteries, one minute of cranking the built in generator gives you up to 1 hour\* of **Green Friendly** LED power. In an age of carbon footprints, the CM300H truly walks lightly. **"Its our world, Its our choice!"**

### General features:

Each CM300H has the same features as the CM300 series including die cast aluminum to withstand the constant rigors of daily use, separate coarse & fine focus controls for ease of use and a slip clutch system to protect gears. Available in two configurations.

### Illumination:

This is where CM300H stands alone with its **Green Friendly** variable intensity, LED system. Choose the AC plug in adapter or run it off of its built in rechargeable NiMH batteries. Better yet, forget the power grid altogether and use muscle to power through its built in generator. One minute of cranking, equals up to one hour of continuous operation!



### Upgradeability:

All CM300 models with LED illumination can be upgraded to the CM300H version in just minutes.

### Portability:

In the classroom, in the field or **anywhere in the world**, the CM300H Hybrid is always ready.



## Features At A Glance



- ◇ **First of its kind AC, DC & Hybrid power generation**
- ◇ **W10X 18mm Eyepiece w/ pointer and scale**
- ◇ **Locked on eyepiece, slide clips**
- ◇ **All glass lenses**
- ◇ **Slip clutch gear protector**
- ◇ **Plastic Iris diaphragm protector**
- ◇ **Green friendly illumination with dimmer switch**
- ◇ **Cordless Rechargeable NiMH batteries**
- ◇ **Cool white LED light**



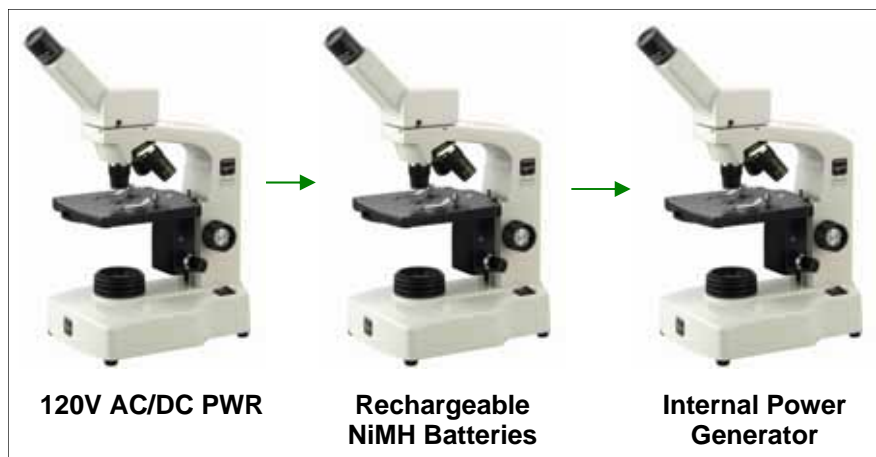
Nexcope

Patent No.  
ZL200820084661.7

# CM300H Hybrid Power

## Specifications

Three power options to choose from!



CM304H w/ mechanical stage

\*One minute of cranking will produce approximately 1 hour of power depending upon magnification used and dimmer setting.

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

MODEL	HEAD	EYEPIECE	OBJECTIVES	CONDENSER	ILLUMINATOR
CM303H (Hybrid)	Monocular	W10XD 18mm	4XD, 10XD, 40XRD (sealed)	Built-in 0.65 N.A. w/ disk diaphragm	Rechargeable LED w / dimmer switch
CM304H (Hybrid)	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

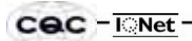
#### MISCEL:

CMA335 UL/CE approved power charger/adaptor

#### GENERATOR KIT

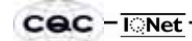
CMA336 CM300H-Kit, Upgrade kit for all LED CM303 and CM304

#### 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.

Authorized Dealer:

#### Ample Scientific L.L.C.

4220 Steve Reynolds Boulevard, Suite 9, Norcross, GA 30093  
Phone: (678) 380-0369  
E-mail: sales@amplescientific.com  
Http://www.amplescientific.com