

**COMPOUND MICROSCOPES  
WITH HYBRID POWER LIGHTING SYSTEM**

**MODEL CJ HYBRID SERIES**

Model CJ-10H / CJ-4H are the first compound microscopes incorporated with Hybrid power lighting system. The LED illuminator provided is powered by rechargeable batteries which can be charged with built-in generator or AC/DC charger. The CJ-10H / CJ-4H have the same general features as our microscopes CJ series including DIN standards achromatic objectives, wide field 10x eyepieces, 360° rotatable monocular head, inward revolving nosepiece, separate coarse and fine focusing adjustments and mechanical stage (available with the CJ-10H).



**Features:**

- ◆ Built-in power generator — **No need to look for outlet!**
- ◆ Wide field 10x eyepiece with scale & pointer
- ◆ DIN achromatic objectives
- ◆ Slip clutch system to prevent damages on gears
- ◆ Cool and long life LED light with rechargeable batteries
- ◆ Robust aluminum diecasting

**Illumination**

Eco-friendly LED light with dimmer control. The LED light runs for up to one hour\* on a charge by cranking generator handle of one minute. An AC/DC charger is also available for regular use. A pilot lamp provided on the base alerts low battery charge.



CJ-4H



Built-in power generator

## COMPOUND MICROSCOPES WITH HYBRID POWER LIGHTING SYSTEM

### MODEL CJ HYBRID SERIES

#### Accessories

##### Heads (factory-installed options):

CJA370 Binocular head w/eyepieces(pair)

CJA371 Teaching head w/eyepiece

##### Eyepieces:

CJA375 WF 10x FN18 w/scale & pointer

CJA376 WF 10x FN18

CJA377 WF 10x FN18 (pair)

##### Objectives:

CJA321 DIN 4x Achromat

CJA322 DIN 10x Achromat

CJA323 DIN 40xR Sealed Achromat

CJA324 DIN 100xR Oil Achromat

##### Digital cameras:

HDCE-10 1.3M pixels CMOS camera

HDCE-20 2M pixels CMOS camera

HDCE-30 3M pixels CMOS camera

#### Hybrid Power Lighting System

Generator:



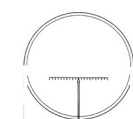
AC/DC power:



Batteries:

Rechargeable AA NiMH  
1.2V 2450mAh x 3

\*Remarks: Run time on a charge varies depending on dimmer setting and battery conditions.



Scale & pointer



Mechanical Stage  
on CJ-10H



CJ-10H

#### Dimensions per 1 unit

Width	Length	Height	Weight
15cm	21cm	36cm	4.5kg

#### Packing per 1 outer box

Nr.	G/W	N/W	Volume
4	20kg	18kg	0.14cbm

#### General Specifications

Model	Head	Eyepiece	Objectives	Condenser	Stage	Illuminator
<b>CJ-10H</b>	Monocular	WF10XD FN18 w/scale & pointer	DIN Achromat 4x, 10x, 40xR(sealed), 100xR Oil	Focusable NA1.25 Abbe condenser, with iris diaphragm	Mechanical stage	Cordless LED w/Dimmer
<b>CJ-4H</b>	Monocular	WF10XD FN18 w/scale & pointer	DIN Achromat 4x, 10x, 40xR(sealed)	Fixed NA0.65 condenser, with disc diaphragm	Plain stage with slide clips	Cordless LED w/Dimmer

Notice: Carton Optical reserves the right to make changes in design without notice or obligation.

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