

COMPOUND MICROSCOPES

MODEL CJ SERIES

Model CJ-10 / CJ-4 are our compound microscopes having all basic features necessary for every use. The CJ series offers not only easy-to-use and durability but also authentic performance. Mechanical stage is available with the CJ-10 as standard outfits. All models with cordless LED illuminator.

Features:

- ◆ Locked 10x Wide field 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



CJ-4

Optics:

There are two models available in two configurations. The CJ-10 is equipped with achromatic (color aberration free) objectives 4x, 10x, 40x(retractable) and 100x(retractable & oil immersion) on inward revolving nosepiece. The CJ-4 is a basic model having achromatic objectives 4x, 10x and 40x(retractable). The 40x is sealed to prevent oil entry into lenses as well as the 100x oil. A scale 10/100mm with pointer is built in WF10x eyepiece.

Mechanism:

Separate fine and coarse focusing adjustments are provided for both the CJ-10 and the CJ-4. Mechanical stage capable to accept a full size of slide is installed on the CJ-10 so as to bring specimen in place more easily and rapidly. Metal gears in focusing mechanism ensure precise movement.

Illumination:

Eco-friendly white LED with dimmer control is adopted to make illumination close to daylight that brings natural colors of the specimens. It is possible to make observation for a long time without power source once charged. A pilot lamp provided on the base alerts low battery charge.

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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

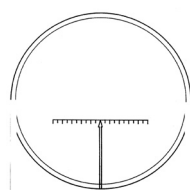
CJA324 DIN 100xR Oil Achromat

Digital cameras:

HDCE-10 1.3M pixels CMOS camera

HDCE-20 2M pixels CMOS camera

HDCE-30 3M pixels CMOS camera



Scale & pointer



Mechanical Stage on CJ-10



CJ-4



CJ-10

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

Specifications

Model	Head	Eyepiece	Objectives	Condenser	Stage	Illuminator
CJ-10	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
CJ-4	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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