

COMPOUND MICROSCOPES

MODEL CN SERIES

The CN series is designed as the high performance small foot-print microscope ideal for every users from students to professionals. Various optics can be equipped to meet all applications.

Features

- ◆ Small foot-print
- ◆ Siedentopf binocular head
- ◆ Wide field 10x eyepieces
- ◆ DIN Achromat, Semi Plan, Plan or Plan Phase objectives selectable
- ◆ Precise coaxial fine and coarse focusing adjustment
- ◆ Built-in mechanical stage with coaxial low drive control
- ◆ Powerful 3W LED illuminator with light intensity control
- ◆ Upgradeability



CN-A

Optics:

DIN standards Wide Field (FN18) 10x eyepiece having high eyepoint 18.5mm is provided with Achromats, Semi Plan achromats or Plan achromats objectives to produce clear, flat and bright images in high resolution. Phase contrast model CN-PH with Plan phase is also offered as standard configuration.

Mechanism:

Precise and high sensitive adjustment of focusing is assured in coaxial coarse and fine movement. Tension control is provided on coarse focusing adjustment. Double-plate layered mechanical stage with right handed coaxial drive control is equipped as standard features. Inward-facing (reversed) quadruple nosepiece is mounted with ball bearing smooth movement with click-stop.

Illumination:

3W white LED powered by AC/DC adapter enables observation in real color at any level of brightness with color temperature (6000K).

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Accessories

Heads:

CNA471 Trinocular head, Siedentopf type, w/photo tube and C mount tube

Eyepieces:

M9261-103 Extra Wide Field 10x FN20 (pair)

Objective set:

CDA520 DIN Semi-plan achromat 4x, 10x, 40xR(sealed), 100xR oil

CDA530 DIN Plan 4x, 10x, 40xR(sealed), 100xR oil

Miscellaneous:

M9260-1 Phase contrast accessory with achro phase 10x, 20x, 100xR oil & Plan phase 40xR, phase turret condenser, centering telescope, green filter, driver in aluminum case

CDA550 Phase contrast accessory with Plan phase 10x, 20x, 40xR, 100xR oil, phase turret condenser, centering telescope, green filter, driver in aluminum case

CDA551 Dark field condenser with Plan objective 100x with iris diaphragm

M9260-2 Simple polarizing set

Dimensions per 1 unit

Width	Length	Height	Weight
15cm	21cm	36cm	4.6kgs

Packing per 1 outer box

Nr.	G/W	Volume
1	6	0.0480M3

Specifications

Model	Head	Eyepieces	Objectives	Condenser	Stage	Illuminator
CN-A	Siedentopf binocular	WF10x FN18	DIN Achromat 4x, 10x, 40xR, 100XR Oil	Sealed NA1.25 Abbe, Rack & Pinion	Mechanical stage	3W LED with Dimmer
CN-SP	Siedentopf binocular	WF10X FN18	DIN Semi Plan Achro 4x, 10x, 40xR(sealed), 100xR Oil	Sealed NA1.25 Abbe, Rack & Pinion	Mechanical stage	3W LED with Dimmer
CN-P	Siedentopf binocular	WF10X FN18	DIN Plan Achromat 4x, 10x, 40xR(sealed), 100xR Oil	Sealed NA1.25 Abbe, Rack & Pinion	Mechanical stage	3W LED with Dimmer
CN-PH	Siedentopf binocular	WF10X FN18	DIN Phase 10x, 20x, 40xR (sealed), 100xR Oil	Sealed NA1.25 Abbe, Rack & Pinion w/Phase turret	Mechanical stage	3W LED with Dimmer
CN-A-T	Siedentopf trinocular	WF10x FN18	DIN Achromat 4x, 10x, 40xR, 100XR Oil	Sealed NA1.25 Abbe, Rack & Pinion	Mechanical stage	3W LED with Dimmer
CN-SP-T	Siedentopf trinocular	WF10X FN18	DIN Semi Plan Achro 4x, 10x, 40xR(sealed), 100xR Oil	Sealed NA1.25 Abbe, Rack & Pinion	Mechanical stage	3W LED with Dimmer
CN-PH-T	Siedentopf trinocular	WF10X FN18	DIN Phase 10x, 20x, 40xR (sealed), 100xR Oil	Sealed NA1.25 Abbe, Rack & Pinion w/Phase turret	Mechanical stage	3W LED with Dimmer

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

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