



## Bright Field Inverted Modulation Phase Contrast Microscope Infinity Plan A19.0203

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE,
- Model Number: A19.0203
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month

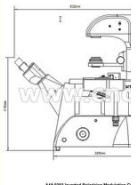
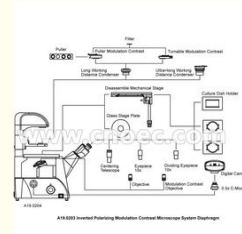


### Product Specification

- Features: Modulation Phase Contrast
- Certification: CE
- Drawtube: Binocular
- Illumination: LED
- Theory: Phase Contrast Microscope
- Objective: Bright Field
- Highlight: phase contrast microscopes,  
inverted phase contrast microscope



### More Images



### Product Description

Infinity Plan Bright Field Inverted Polarizing Modulation Phase Contrast Microscope A19.0203

**A19.0203 Inverted Polarizing Modulation Contrast Microscope, Newly Designed in 2014.**

It is new type of multi-functional optical instrument. It is designed with fasion outlook and convenience operation. The phase contrast device can be attached to the light path to perform transmitted pahse contrast microscopic observation, such as phase contrast, modulation contrast, and bright field view. This unit is suitable for the microscopic observation of cells, tissues and clear liquid tissues, and the dynamic microscop observation to tissues cultured ina culture dish. It is applicable to scientific research institutions, colleges, and universities, medical and health, inspection and quarantine agencies, agricultural, animal husbandry and dairy industries.

Our Product

**Polarizing Modulation Contrast**, can converts phase gradients into intensity variations, thereby making transparent specimens clear with vivid detail. The PMC system is cost-effective upgrade for 3D appearing imaging, as a feature which appears to cast a shadow may not necessarily have distinct physical geometry. There are two mode modulation contrast, **Turnable Type and Puller Type**, equipped with high quality modulation contrast plan objective 10x,20x,40x.

- Modulation Contrast, Phase Contrast, Bright Field Observation
- Two Mode Modulation Contrast, Turnable Type and Puller Type Condenser Optional
- Three Culture Dish Holder For Different Size Culture Dish
- Photo Adapter On Left Side Of Main Body, 100% Light Pass For Low Light Photography Condition

A19.0203 Inverted Polarizing Modulation Contrast Microscope		
Magnification	Total 100~400x	
	Infinity Optical System	
System	Mechanical Tube Length : ∞	
	Conjugate Distance: ∞	
Head	Trinocular Head, 45° Inclined, Interpupillary Distance 53~75mm	
Eyepiece	WF10x/22mm Wide Field, Eyepiece Tube Dia. 30mm, Parfocal Distance 10mm	
	Centering Telescope Eyepiece 10x	
Nosepiece	Quintuple	
Objective	LWD Infinity Plan <b>Bright Field Objective</b> 10x/0.25, W.D. 4.3mm, Cover Glass Thickness 1.2mm	
	<b>Modulation Contrast Objective</b>	
	10x/0.25, W.D.4.3, Cover Glass Thickness 1.2mm 20x/0.40, W.D.8.0, Cover Glass Thickness 1.2mm 40x/0.60, W.D.3.5 , Cover Glass Thickness 1.2mm	For Modulation Contrast View. The Modulator Of Objective Should Be Adapted With Slot In The Condenser
Working Stage	Mechanical Stage 227*208mm, Glass Round Stage Dia. 118mm, Moving Range 77*134.5mm, Moving Stage Detachable	
	Culture Dish Holder 1, 86mm (W)*129.5 (L), For Circular Culture Dish Dia.87.5mm	
	Culture Dish Holder 2, 34mm (W)*77.5 (L), For Circular Culture Dish Dia.68.5mm	
	Culture Dish Holder 3, 57mm (W)*82mm (L)	
Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm	
Condenser	Long Working Distance 55mm, For Turnable Type Modulation Contrast View	
Light Source	Kohler Illumination, 6V30W Halogen Lamp, Brightness Adjustable	
Optional Accessories		
Condenser	Long Working Distance 55mm, For Puller Type Modulation Contrast View	A5C.0210-22
	Long Working Distance 55mm, Turnable Type, For Phase Contrast View	A5C.0210-23
	Long Working Distance 55mm, Puller Type, For Phase Contrast View	A5C.0210-24
	Long Working Distance 55mm, With Aperture Diaphragm, For Bright Field View	A5C.0210-25
Objective	LWD Infinity Plan <b>Bright Field Objective</b>	
	20x/0.4, W.D. 8.0mm, Cover Glass Thickness 1.2mm	A5M.0231-20
	40x/0.6, W.D. 3.5mm, Cover Glass Thickness 1.2mm	A5M.0231-40
	LWD Infinity Plan <b>Phase Contrast Objective</b>	
	For phase contrast view, the objective phase shutter should be adapted with the cirque shutter in the condenser	
	10x/0.25, W.D.4.3, Cover Glass Thickness 1.2mm	A5C.0235-10
	20x/0.40, W.D.8.0, Cover Glass Thickness 1.2mm	A5C.0235-20
Adapter	40x/0.60, W.D.3.5 , Cover Glass Thickness 1.2mm	A5C.0235-40
	CCD Adapter 0.5x	A55.0202-04
	Digital SLR Camera Adapter for Canon EF Series	A55.0204-02





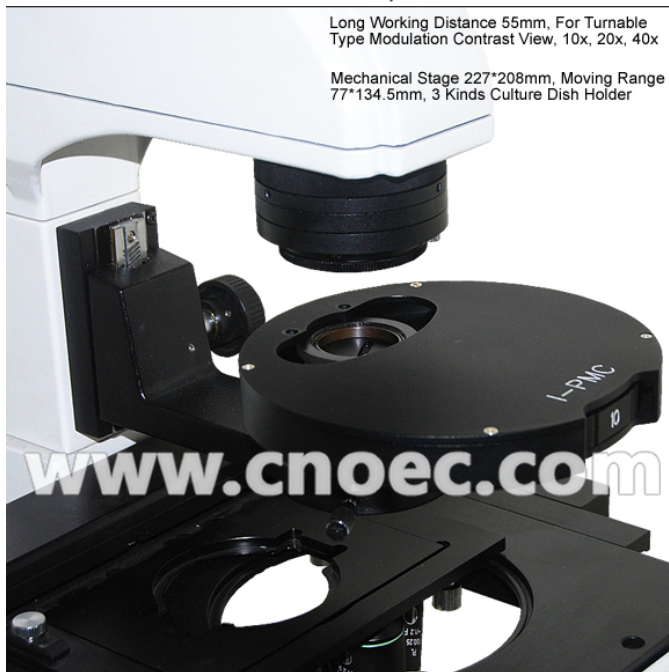
**A19.0203 Inverted Modulation Contrast Microscope**



**A19.0203 Inverted Modulation Contrast Microscope**

Long Working Distance 55mm, For Turnable Type Modulation Contrast View, 10x, 20x, 40x

Mechanical Stage 227\*208mm, Moving Range 77\*134.5mm, 3 Kinds Culture Dish Holder



**Mechanical Stage, Without Rock And Gear**

The mechanical stage driver is adapted coaxial high strength steel wire. It is an ideal design for stable mobile. The automatic protection in the limited position is effective on the accuracy of stage.



**Three Culture Dish Holder Optional**





Turnable Modulation Contrast Puller Modulation Contrast Modulation Contrast Objectives



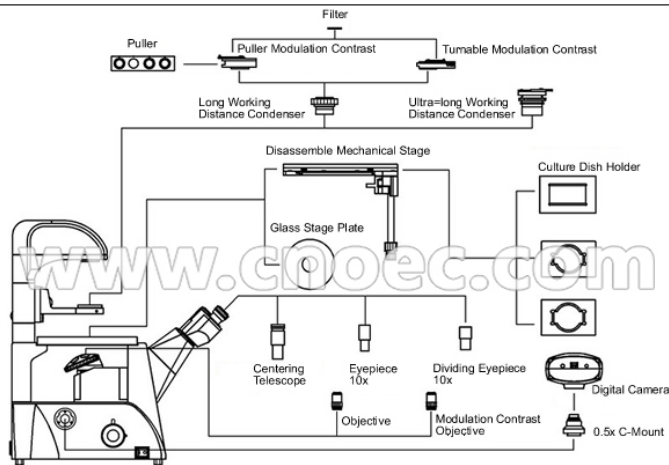
Gemel Mode Trinocular Head, Inclined 45 Degree, Designed For Operator's Cervix And Shoulder Released From Long Time Working, Including WF10x/22mm Wide Field Eyepieces.

Integrated Illumination Can Make Up The Difference Of Halogens By Adjusting The Spacial Position. Fully Taken The Cooling Effect Of Illumination System Into Account, The Surface Temperature Of Lamp House Keep Lower.



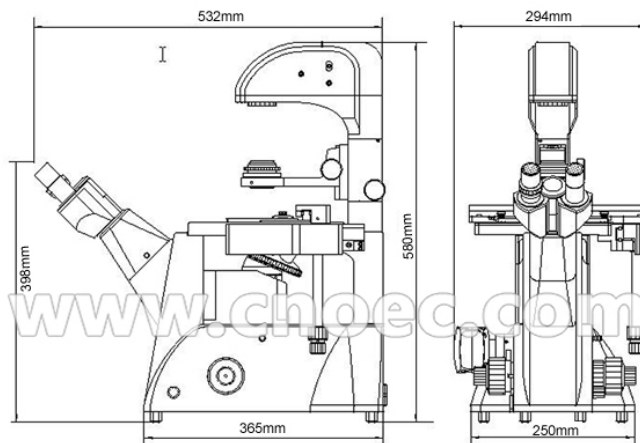
Condenser System Designed To Be Switched In Or Out Of Light Path, Suited For Tissue Observation In High Culture Dish

Photo Adapter On Left Side Of Main Body, With 100% Light Flux, Designed For Low Light Microphotography Condition.



A19.0204


#### A19.0203 Inverted Polarizing Modulation Contrast Microscope System Diaphragm



A19.0203 Inverted Polarizing Modulation Contrast Microscope System Size



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