



LABOMED INC.

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BPH Series Phase Contrast Kit

Introduction

1. With Phase Contrast Kit to observe living bacteria and cells.
2. With Phase Contrast Kit to observe achromatic and transparent specimen which is unable to view in normal Bright Field.
3. After installing and align BPHA, BPHB, BPHC Phase Contrast Kit, you can observe the specimen in different magnification without any additional adjustment.

Microscope and its Phase Contrast Kit	
Microscope series	Match able Phase Contrast Kit
LB-210/212	BPHD
LB-220/221/222/223/224/225/226/227/228	BPHD or BPHC-1
LB-230/231/200/240/234	BPHD or BPHC-1
LB-250/251	BPHD or BPHC-1
LB-235/233/236/237	BPHD or BPHC-1 or BPHB-1, 3, 4
LB-247/242/248/244/245/	BPHE-1
LB-273/271/272/274/275	Special
LB-260/262	BPHD or BPHC-1 or BPHB-1, 3, 4
LB-280/281/286/	BPHA-1 or BPHE-1
LB-290	Special



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BPHA Turret Phase Contrast Kit



BPHA



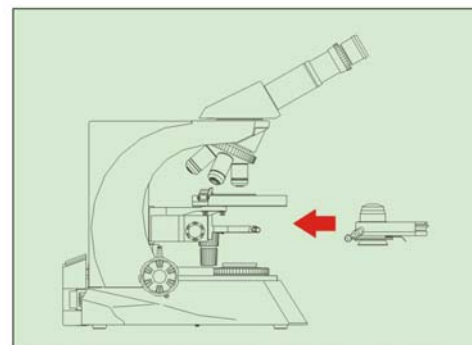
BPHB

Outfit

	Condenser	Dark Field	Infinite Plan Achromatic Objective				Infinite Achromatic Objective				Centering Telescope	Filter
			10×	20×	40×	100×	10×	20×	40×	100×		
BPHA-1	•	•	•	•	•	•					•	•
BPHA-2	•	•					•	•	•	•	•	•

Objective Specifications

Model	Objective	NA	Focus(mm)	WD(mm)
BPHA-1	10×	0.25	18.1	11.2
Infinite Plan Achromatic Objective	20×	0.40	9	6
	40×	0.65	4.5	0.59
	100×	1.25	1.8	0.21
BPHA-2	10×	0.25	17.96	6.29
Infinite Achromatic Objective	20×	0.40	9	6
	40×	0.65	4.5	0.68
	100×	1.25	1.81	0.19



The usage example of BPHA Phase Contrast Kit



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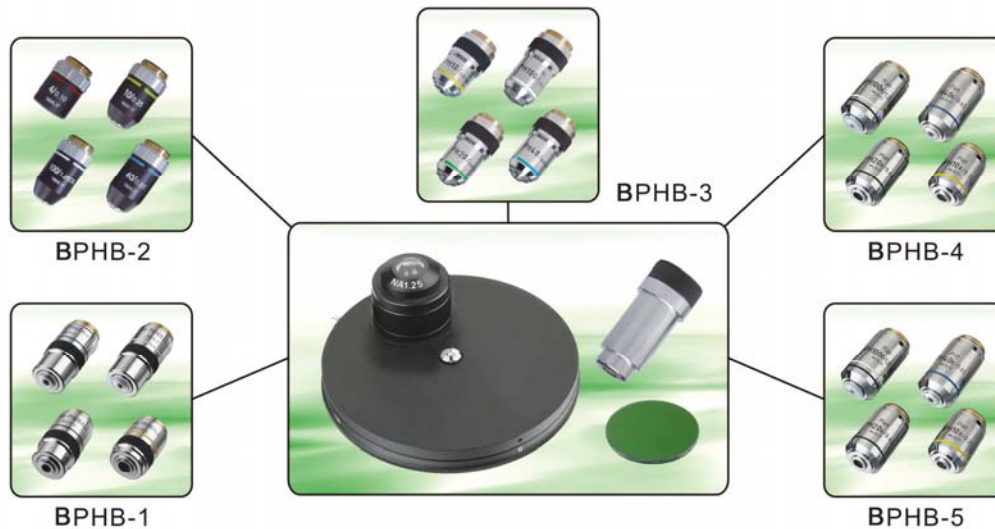
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BPHB Turret Phase Contrast Kit (For Academic Biological Microscope)

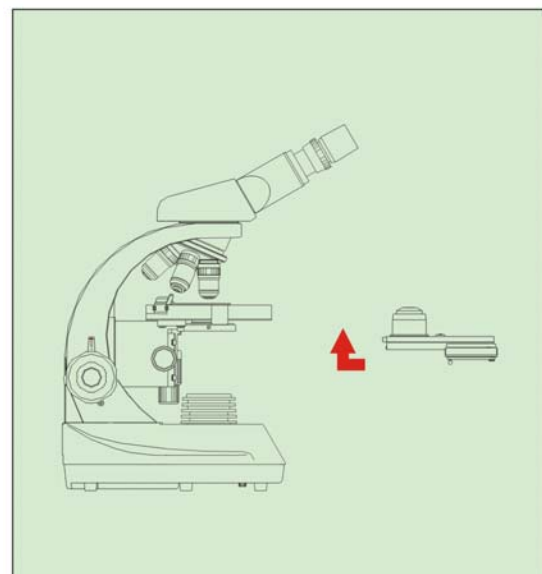


Outfit

	Condenser	Plan Achromatic Objective 10×, 20×, 40×, 100×	Semi-Plan Achromatic Objective 10×, 20×, 40×, 100×	Achromatic Objective 10×, 20×, 40×, 100×	Infinite Plan Achromatic Objective 10×, 20×, 40×, 100×	Infinite Achromatic Objective 10×, 20×, 40×, 100×	Centering Telescope	Filter
BPHB-1	•	•					•	•
BPHB-2	•		•				•	•
BPHB-3	•			•			•	•
BPHB-4	•				•		•	•
BPHB-5	•					•	•	•

Objective Specifications

Model	Objective	NA	Focus(mm)	WD(mm)
BPHB-1 Plan Achromatic Objective	10×	0.25	15.13	13.57
	20×	0.40	8.262	6
	40×	0.65	4.15	0.59
	100×	1.25	1.725	0.207
BPHB-2 Semi-Plan Achromatic	10×	0.25	16.80	6.02
	20×	0.40	8.262	6
	40×	0.65	4.2	0.69





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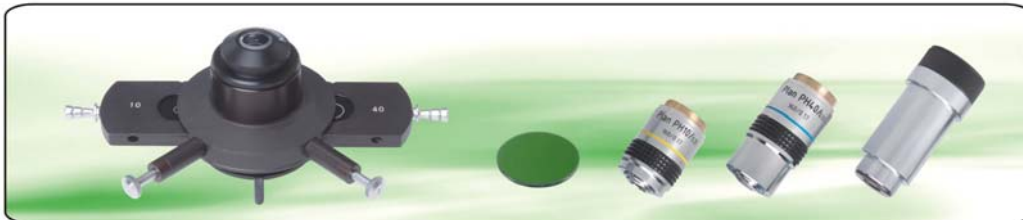
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Objective	100×	1.25	1.82	0.14
BPHB-3 Achromatic Objective	10×	0.25	17.13	7.316
	20×	0.40	7.43	0.78
	40×	0.65	4.65	0.632
	100×	1.25	2.906	0.198
BPHB-4 Infinite Plan Achromatic Objective	10×	0.25	18.1	11.2
	20×	0.40	9	6
	40×	0.65	4.5	0.59
	100×	1.25	1.8	0.21
BPHB-5 Infinite Achromatic Objective	10×	0.25	17.96	6.29
	20×	0.40	9	6
	40×	0.65	4.5	0.68
	100×	1.25	1.81	0.19

BPHC Sliding Phase Contrast Kit (For Academic Biological Microscope)



Outfit

Model	Condenser	Plan Achromatic Objective		Centering Telescope	Filter
		10×	40×		
BPHC-1	•	•	•	•	•

Objective Specifications

	Objective	NA	Focus(mm)	WD(mm)
BPHC-1 Plan Achromatic Objective	10×	0.25	15.13	13.57
	40×	0.65	4.15	0.59



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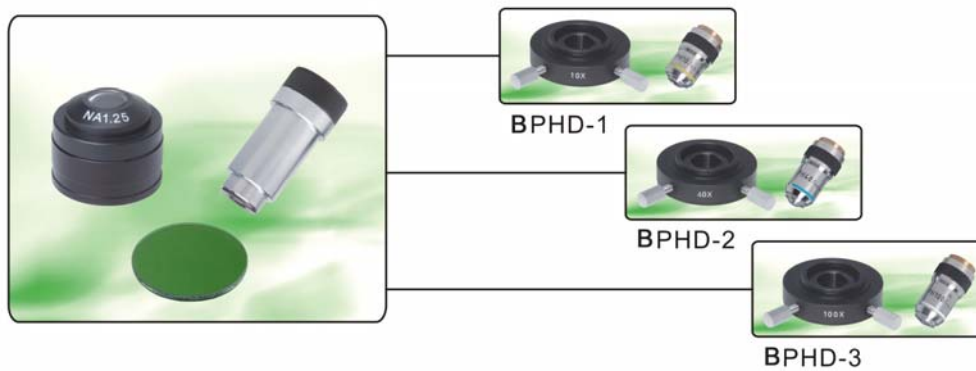
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BPHD Simple Phase Contrast Kit (For Academic Biological Microscope)



Outfit

	Condenser	Achromatic Objective			Centering Telescope	Filter
		10×	40×	100×		
BPHD-1	•	•			•	•
BPHD-2	•		•		•	•
BPHD-3	•			•	•	•
BPHD	•	•	•	•	•	•

Objective Specifications

	Objective	NA	Focus(mm)	WD(mm)
BPHD-1 Achromatic Objective	10×	0.25	17.13	7.316
BPHD-2 Achromatic Objective	40×	0.65	4.65	0.632
BPHD-3 Achromatic Objective	100×	1.25	2.906	0.198



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BPHE Turret Phase Contrast Kit



Outfit

	Condenser	Infinite Plan Achromatic Objective				Infinite Achromatic Objective				Centering Telescope	Filter
		10×	20×	40×	100×	10×	20×	40×	100×		
BPHE-1	•	•	•	•	•					•	•
BPHE-2	•					•	•	•	•	•	•

Objective Specifications

Model	Objective	NA	Focus(mm)	WD(mm)
BPHE-1 Infinite Plan Achromatic Objective	10×	0.25	18.1	11.2
	20×	0.40	9	6
	40×	0.65	4.5	0.59
	100×	1.25	1.8	0.21
BPHE-2 Infinite Achromatic Objective	10×	0.25	17.96	6.29
	20×	0.40	9	6
	40×	0.65	4.5	0.68
	100×	1.25	1.81	0.19