

Phase Contrast Kit

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	Matchable Phase Contrast Kit
BS-2010	BPHD
BS-2020	BPHD or BPHC-1 or BPHB-1, 3
BS-2030	BPHD or BPHC-1 or BPHB-1, 3
BS-2035	BPHD or BPHC-1 or BPHB-1, 3, 4
BS-2036	Special
BS-2040	BPHE-1
BS-2050	BPHD or BPHC-1 or BPHB-1, 3, 4
BS-2070	Special
BS-2072	Special
BS-2080	BPHA-1 or BPHE-1
BS-2090	Special

BPHA Turret Phase Contrast Kit (For Laboratory Biological Microscope BS-2080)

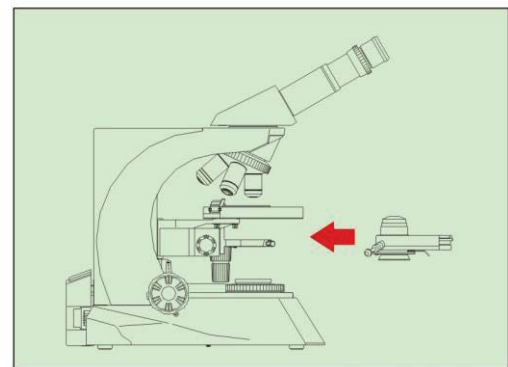


Outfit

	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
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

BPHB Turret Phase Contrast Kit (For Academic Biological Microscope)



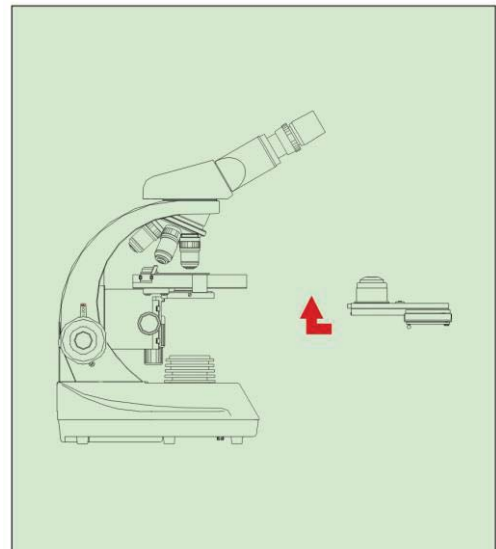
Outfit

	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

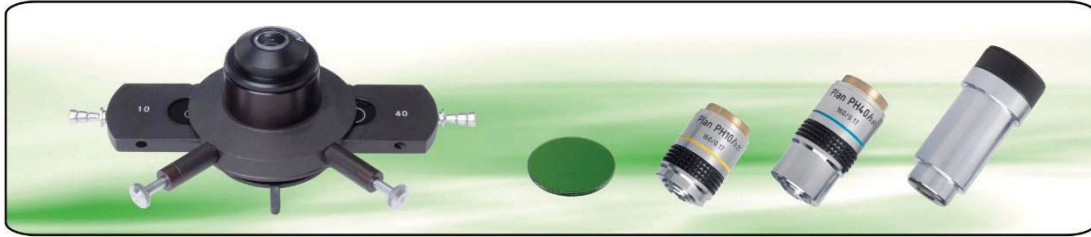
Model	Objective	NA	Focus(mm)	WD (mm)
BPHB-1 Plan Achromatic Objective	10×	0.25	15.13	13.57
	20×	0.40	8.262	6
	40×	0.65	4.15	0.59
	100×	1.25	1.725	0.207
BPHB-2 Semi-Plan Achromatic Objective	10×	0.25	16.80	6.02
	20×	0.40	8.262	6
	40×	0.65	4.2	0.69
	100×	1.25	1.82	0.14
BPHB-3 Achromatic Objective	10×	0.25	17.13	7.316
	20×	0.40	7.43	0.78

The usage example of BPHB Phase Contrast



	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	10
	20×	0.40	9	5.1
	40×	0.65	4.5	0.7
	100×	1.25	1.8	0.18
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)



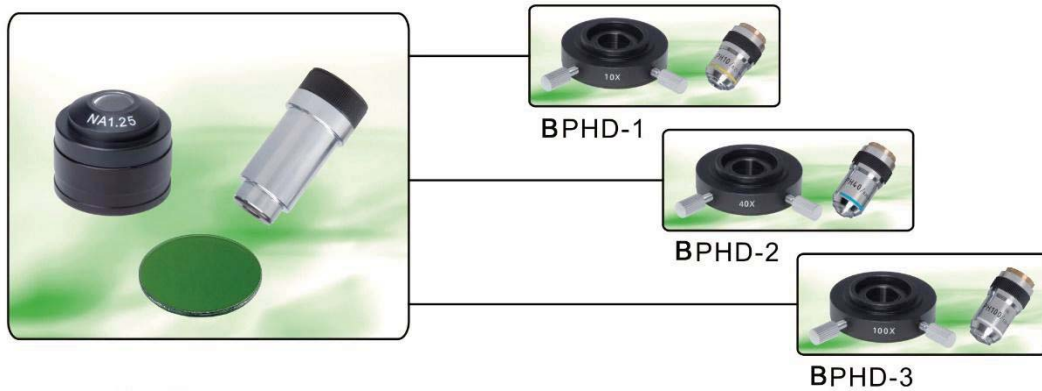
Outfit

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

Objective Specifications

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

BPHD Simple Phase Contrast Kit (For Academic Biological Microscope)



Outfit

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

Objective Specifications

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

BPHE Turret Phase Contrast Kit (For BS-2080 Laboratory and Academic Biological Microscope)



Outfit

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

Objective Specifications

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