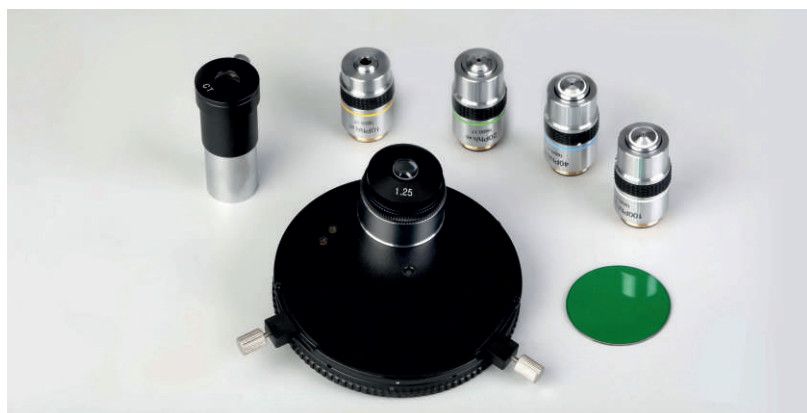


## PHASE CONTRAST ATTACHMENT

This attachment is useful for viewing the detailed structures of unstained or living contrast equipment to convert equipment to convert small differences in thickness and Refractive index of the specimen into differences in brightness.

The set consist of phase turret Condenser N.A. 1.25 with iris diaphragm.

Phase achromatic objectives, 45mm par focal distance 10x (N.A. 0.025) 20x (N.A. 0.40) , 40x (0.65) Spring loaded, 100x (N.A. 1.25 ) Spring loaded, Oil immersion Phase centering telescope, Green filter & Turret condenser key.



## DARK FIELD CONDENSER ATTACHMENT

Dark Field Condenser System is used to observe transparent object. Most plankton are so transparent that they are difficult to see even with bottom lighting. Dark ground illumination (Condenser) is a special kind of lighting used to make them show up better. Dark field condenser stops light coming from directly under the object and only lets it come up from the sides. Only light which reflects off the objects goes into the objective lens. The plankton shows up as bright objects on a drawback ground.

It comprises suitable immersion type dark field condenser with centering screws N.A. 1.20-1.33 & Achromatic objective 100x (SL) oil immersion with iris diaphragm for use dark field as well as on bright field.

