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## LB-540 Binocular Transmitted Polarizing Microscope With Halogen Illumination And Infinity Color Corrected Optical System

### Introduction

LB-540 Binocular Transmitted Polarizing Microscope With Halogen Illumination And Infinity Color Corrected Optical System is equipped with a smooth, rotating, graduated stage and a set of polarizers that allow observation of all types of transmitted light polarized specimens such as thin sections of minerals, polymers, crystals and particulates. It is equipped with an infinite optical system, a comfortable viewing head and a set of Strain-free Infinity Plan Objectives which give a magnification range of 40X – 400X.

### Applications

LB-540 Binocular Transmitted Polarizing Microscope With Halogen Illumination And Infinity Color Corrected Optical System is an ideal instrument in the biological, histological, and pathological fields and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities.

### Technical Specifications

Optical system:	Infinity color corrected optical system
Viewing Head:	Seidentopf Binocular head, inclined 30 degree, rotatable 360 degree, Interpupillary distance 50-75mm. Light Distribution: 20:80
Eyepiece:	WF 10X/18mm WF 10X/18mm (graticule 0.1mm)
Objective:	Strain free infinity plan objectives 4x, 10x, 20x, 40x(s)
Nosepiece:	Center adjustable Quadruple nosepiece
Analyzer:	Rotatable Analyzer with Gradation 0°-90°
Bertrand Lens:	Inbuilt, Center adjustable
Optical Compensator:	$\lambda$ Slip (first class red) 1/4 $\lambda$ Slip (I-IV class) Quartz wedge
Revolving Round Stage:	Revolving round stage, rotatable 360 degree, center adjustable, division 1 degree, Vernier division 6 degree
Condenser:	Abbe N.A. 1.25 Non-stress
Polarizing Unit:	With scale rotatable 360 degree, can be locked
Illumination:	6V/20W Halogen Lamp OR can be supplied with LED Illumination
Filter:	Blue (built-in)

