

GE.3045

Trinocular Phase microscope

HIGHLIGHTS

- plan PL 4/10/S40/S100x oil objectives
- KHWF 10x/20 mm eyepieces
- Trinocular head, 30° inclined tubes, 360° rotatable
- Reversed quintuple revolving nosepiece on ball-bearings
- Plan 4x, 10x, S40x, S100x oil immersion objectives.
- Coaxial 171 x 140 mm stage with 80 x 52 mm mechanical stage
- In height adjustable Abbe condenser N.A. 1,25
- With iris diaphragm and filter holder
- 50W Köhler illumination with adjustable intensity
- Internal 110 and 230 V mains versions available (CE) Technical specifications GE.3030



SPECIFICATIONS

EYEPIECES

Paired DIN KHWF eyepieces 10x/20, also suitable for people wearing glasses

TUBE

Trinocular, 30° inclined, 360° rotatable. Eye-correction with permanent tube length adjustment. Interpupillary distance adjustable between 53 and 72 mm.

NOSEPIECE

Reverse angle nosepiece, suitable for 5 objectives, fitted with ball-bearings, with inside click stop.

OBJECTIVES

SMP semi plan bright field objective 4x N.A. 0.10
 PLPH plan phase objectives 10x N.A. 0.25, S40x N.A. 0.65 and S100x N.A. 1.25 oil-immersion
 The S40x and S100x objectives are spring-mounted

STAND

Stable stand with coaxial coarse - and fine adjustment knobs. Graduation scale with 0.0025 mm. interval.
 Adjustable specimen protection. Adjustable tension for coarse adjustment knob

STAGE

Mechanical flat-top scale 171 x 140 mm, fitted with ballbearings and 78 x 52 mm X-Y translation stage, 0.1 mm scale. With coaxial controls. Detachable specimen holder

CONDENSER

Phase contrast condenser N.A. 1.25 - medium dark "Zernike-type" - with turret with 4 positions for phase contrast and an aperture for bright field. With iris diaphragm, blue-, neutral and green filter. Vertically adjustable by means of control knob with rack and pinion

ILLUMINATION

Built-in Köhler halogen illumination 12 volt 50 watt with field diaphragm. Precentred illuminator with collector lens. Light intensity continuously adjustable with transformer for 230 volt operation

PACKING

With dustcover in styrofoam case