

## bScope SERIES

### **MODEL : BS.1153-EPL/DF/4N Dark field for life blood analysis**

#### **EYEPIECES**

Pair of High Widefield HWF10X/20mm secured eyepieces.

#### **HEAD**

Trinocular Siedentopf type head, 360° rotatable and equipped with 30° inclined, ø23.2mm tubes. +/-5mm diopter adjustment on left eyepiece only. Adjustable interpupillary distance 48 to 76mm.

#### **NOSEPIECE**

Reversed ball-bearings quadruple nosepiece.

#### **OBJECTIVES**

E-Plan objectives

4x/0.10 AN

10x/0.25 AN

S40x/0.65 AN spring

**Special S100x/1.25 AN spring oil with diaphragm** (Optional extra)

Total magnification: 400x (1000x with optional 100x objective)

*All optics are anti-fungus treated and anti-reflection coated for maximum light throughput.*

#### **STAGE**

Scratch-resistant 152/197x131mm stage with integrated 75x36mm X-Y rackless mechanical stage, Vernier scale, soft-close removable specimen holder.

The rackless stage has no protruding parts, enables more smooth movements and is safer in use. Low-positioned X-Y control knobs prevent fatigue during long working sessions.

#### **CONDENSER FOR BRIGHTFIELD**

Height adjustable Abbe N.A. 1,25 condenser for brightfield with iris diaphragm and swing-out filter holder.

Additional DF cardioid-condenser with integrated 5WLED light. The condenser can work with immersion oil.

#### **FOCUSING**

Double coaxial, low-positioned coarse and fine adjustments, 180 graduations, precision 1.1µm, 200µm per rotation, total travel range is approximately 19mm. Supplied with an adjustable rack stop to prevent damage to sample and objectives. The coarse adjustment is equipped with friction control.

**ILLUMINATION**

The 3W adjustable NeoLED transmitted illumination is powered by an internal 100-240V power supply making it suitable for worldwide use.

**CSS – CABLE STORAGE SYSTEM**

bScope allows users to easily store away excess cable length into the back of the instrument during operation and to roll up the power cable for easy storage.

**CARRYING GRIP**

The integrated carrying grip at the back of the microscope ensures safe transportation of the microscope.

**PACKAGE CONTENT**

Smart Styrofoam packaging ensures a low environmental footprint while maintaining maximum safety during transport. Supplied with power cord, dust cover, tools, a spare fuse, white filter, user manual and 5ml immersion oil.

