



Model:

**OPTIGEM-3**

Typology:

**GEMOLOGY STEREO MICROSCOPE**

Description:

*Stereomicroscope for gemological analysis and laboratory.*

<b>Illumination</b>	<p><b>Incident illumination:</b> flexible arm with fluorescent tube 7W 6400K (pure white). Independent ON/OFF switch.</p> <p><b>Transmitted illumination:</b> system for observation with brightfield and darkfield, based on 30W halogen illumination and a dedicated reflecting system. Brightness adjustment. Iris diaphragm and removable black background for contrast enhancement with darkfield.</p> <p>Input: 240Vac, 50Hz; Fuse T3.15A 250V Max. required power: 45W</p>
<b>Focusing</b>	By means of a rack and pinion controlled by a pair of knobs placed on both sides of the stereomicroscope.
<b>Stage</b>	Adjustable gemology clip. Base 360° rotating.
<b>Stand</b>	Rack-and-pinion stand (it can be inclined 45°). Base: 305x260x70h mm. Weight: 7 Kg
<b>Head</b>	Binocular rotating 360° and 45° inclined. Diopter adjustment on both eyepieces. Interpupillary adjustment 55-75 mm.
<b>Eyepieces</b>	Widefield eyepieces WF10x/22 with field number 22.
<b>Objectives</b>	Parfocal achromatic objective 1X Working distance: 110 mm Zoom range: 0,67x - 4,5x Zoom factor: 6,71:1
<b>Accessories</b>	Instruction manual and dust cover included.