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Gemological Microscope

Product Image



Description

Main Features:

Lighting : Examination of cut, color, inclusions and fluorescence.

Optics : Uses a high quality stereo zoom microscope to produce a 3-D binocular image.

Illumination:

A halogen lamp with reflector coupled with reflection system OR 36 LEDs ensures sharp and focused light on the diamond under examination which need to investigate the color, cut, inclusions and florescence of diamond.

Dark field illumination:

The dark field illumination is specially designed for analyzing the inside characteristics of the Diamond. A set of mirrors focuses the light from all directions on the centre of the stone. In this way, the smallest inclusions become visible.

Overhead LED Illumination:

LED (Light Emitting Diamond) illumination which provides a brighter white light than the standard halogen and TL lighting. LED illumination is ideal for helping the grader see inclusions and other impurities at diamond. It is useful for studying clarity, cut grade and even colour.

Manipulation:

By vacuum system, Diamond is hold on needle with pencil which move and rotate diamond, with maximum flexibility and minimal obstruction to the view.

Olympus:

Magnification: 0.80x 4.5x Working distance: 92 mm Viewing angle: 45 degrees Mount diameter: Ø30 mm Reticules: Ø24 mm Magnification: 10x **Ziess:** Magnification: 0.65x -5x Working distance: 91 mm

Viewing angle: 35 degrees

Mount diameter: Ø30 mm Reticules: Ø26 mm Magnification: 10x **Technical Specifications:** Power supply: 230 V, Frequency : 50 Hz Nominal power consumption: 150 mA Weight: 12 kg Surface of use: 19x40cm (wxd) Height in lowest position : 35 cm

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Catalog No. 100458

Disclaimer

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