



Address:
JAMBU PERSHAD & SONS
6275/22 Nicholson Road,
Ambala Cantt, Haryana,
INDIA
Pin: 133001

Email:
sales@japson.com
japsonambala@yahoo.com

Website:
www.japson.com
Phone:
+91-171-4006897

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 fluorescence 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 Diode) 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

Gemological Microscope

Catalog No. 100458

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.