

CLMG-7206 Spectroscope

Spectroscope CLMG-7206 detects the absorption of spectra and it is use to view the colour of a gemstone, either by shining a light (pen-torch) through the stone into the spectroscope if the stone is transparent, or by viewing its reflected light if the stone is opaque. Inside is a pattern of lines that you must learn to recognize, it is a spectrum (rainbow) of which might be interrupted with black or white lines. Certainly a useful and best tool for gemmologists to use in detecting iron and chromium and for non-gemmolgis the 'diamond simulants' YAG and Cubic Zirconia give spectacular spectra and some Zircon. Other gemstones are more difficult to detect.

Spectroscopes allows you to analyze a loose or mounted stone's spectrum. They help distinguish naturally colored diamonds from those that have been irradiated and help to distinguish natural stones from synthetics by the stone's selective absorption of certain wavelengths.

Specifications:

Length: 55mm

Diameter: 15 mm

Material: Aluminum (Heavy Duty)

Inside Instruction: Diffraction Type