

STALWART

Gemological Microscope STM-8060 Series



STM-8060B/T



STM-8060BD

Introduction

A gemological microscope is the microscope used by jewelers and gem stone experts, the gemological microscope is the most important tool in their job. STM-8060 gemological microscope is especially designed to view precious stone samples and the pieces of jewelry that are contained in them. These microscopes are equipped with multiple illumination systems to enhance the image of the samples.

Features

- Offering sharp and high resolution image with high bright LED point light, dark field illumination and even fluorescent light source. It is a high level professional gemological microscope.
- Designing with ergonomic idea can greatly improve the working efficiency, it is also easy to operate and makes operators feel more comfortable.

Specification

Item	Specification	STM-8060 B	STM-8060 T	STM-8060 BD
Viewing Head	Binocular Viewing Head, Inclined at 45°, Interpupillary Distance: 55-75mm	Standard		
	Trinocular Viewing Head, Inclined at 45°, Interpupillary Distance: 55-75mm		Standard	
	Binocular Digital Viewing Head, Inclined at 45°, Interpupillary Distance: 55-75mm, 3.2MP(2048×1536)			Standard
Eyepiece	WF15×/16mm with diopter adjustment	Standard	Standard	Standard
	WF10×/22mm	Optional	Optional	Optional
	WF20×/12mm	Optional	Optional	Optional
	WF30×/9mm	Optional	Optional	Optional
Zoom Objective	Zoom range 0.8×-5×, zoom ratio 1:6.3, working distance 115mm	Standard	Standard	Standard
Auxiliary Objective	0.5×, W.D.:220mm	Optional	Optional	Optional
	0.7×, W.D.:125mm	Optional	Optional	Optional
	2×, W.D.:125mm	Optional	Optional	Optional
Bright & Dark Field Illumination	Iris diaphragm 2mm-41mm, Bright and dark viewing field illumination is adjustable	Standard	Standard	Standard
Illumination	9W Fluorescent lamp	Standard	Standard	Standard
	LED Point Light	Standard	Standard	Standard
	6V/20W Halogen illumination, lamp can be changed	Standard	Standard	Standard
Focusing	Focusing range: 110mm, suitable for oSTMerving different size gem and sample	Standard	Standard	Standard

Specification

Gem Clamp	High quality steel clamp is perfect to hold the gem for observation from all directions	Standard	Standard	Standard
Stage	At both side, there is a gem clamp fixing holds for you to choose	Standard	Standard	Standard
Stand	0-38° Inclined, so the height and angle of eyepiece can be adjusted, easy to operate	Standard	Standard	Standard
Base	0°-325° Rotatable	Standard	Standard	Standard

Application

STM-8060 gemological microscopes are precision microscope that are capable of inspecting diamonds, emeralds, rubies and all other types of precious stones. They are usually used to identify the authenticity of gemstones, they are widely used in design, produce and repair of jewelry.

