

# STALWART

## Comparison Microscope STMC-300



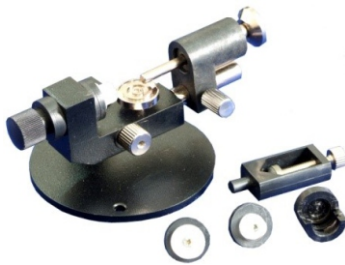
STMC-300

## Introduction

STMC-300 Comparison Microscope can oSTMerve two objects with a pair of eyepiece at the same time. Using field cutting, jointing and overlapping methods, two (or more two) objects can be compared together. STMC-300 has clear image, high resolution and can identify tiny differences between objects accurately. STMC-300 has excellent optical performance and complete comparison function, it is suitable for various comparison demands, so it has a very wide range of applications. It is basically used in forensic science, police schools and related departments.

## Features

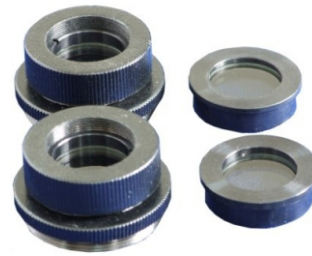
- Can be used for Left or Right single view field oSTMervation, overlapping view field oSTMervation, segmentation and jointing view field oSTMervation.
- With sextuple nosepiece, comes with 0.5×, 1×, 1.5×, 2×, 4×, 6× objectives, nosepiece has stop clicks, comfortable to change the objectives.
- Stage size: 100mm×100mm, Moving range: The transverse, longitudinal, vertical directions are 0-62mm, horizontal rotation 0 ° -360 °, stage inclined to any direction of 0 ° - 60 °.
- Two stages can be adjusted horizontally at the same time, moving range: 0-60mm.
- Coarse lifting range of 0 - 60mm.
- Equipped with 12V/50W air-cooled high power LED lamps, light intensity is adjustable.
- Polarizing attachment, used to eliminate stray and glare light.
- Coaxial illumination device(optional), used for oSTMervation of deep hole, small hole and smooth surface.
- With C-mount video attachment, digital cameras can be used for synchronous oSTMervation, images and videos can be saved and analyzed.
- With Photo attachment, Nikon or Olympus DLSR cameras can be used to take pictures.



Bullet Holder



Filters



Polarizing Attachment

## Specification

Item	Specification	STMC-300
Total Optical Magnification	5×~120×	Standard
Viewing Head	Seidentopf Trinocular Head, Inclined at 45°, Interpupillary Distance 55-75mm	Standard
Eyepiece	Wide Field Eyepiece WF10×/ 22mm, diopter adjustment	Standard
	Wide Field Eyepiece WF20×/ 12mm, diopter adjustment	Standard
Field of View	Φ2mm~Φ60mm	Standard
Comparison Mode	Left or Right single view field observation, overlapping view field observation, segmentation and jointing view field observation	Standard

## Specification

Objective	0.5×, 1×, 1.5×, 2×, 4×, 6×	Standard
Auxiliary Objective	0.4×, 2× Auxiliary Objective (with auxiliary objective, the total magnification can be extended to 2× ~ 240×)	Optional
Nosepiece	Sextuple nosepiece	Standard
Stage	Manually operate stage, moving range: X-54mm, Y-54mm, Z-54mm	Standard
	Two stage horizontal moving range: 60mm, The coarse vertical lifting range: 60mm	Standard
Illumination	High power LED illumination, brightness and angel adjustable	Standard
	Side illumination, 12V/50W air cooled reflecting lamps	Standard
	Polarizing attachment	Standard
	Coaxial illumination device	Optional
Accessories	Bullet Holder	Standard
	Polarizing attachment	Standard
	Blue, Green and red filters	Standard
	Photo attachment for DSLR digital camera(Nikon, Canon)	Standard
	C -mount for microscope digital cameras	Standard
Dimension	39(L) ×38(W) ×70(H)cm	Standard

## Application

STMC-300 is the ideal device for Public Security Bureaus, procuratorates, courts and their colleges to compare and identify the bullet, tool marks, fingerprints, seals, text, signatures, drawings, and bank notes. It also can be applied to electronic, biochemical, agriculture, archaeology, banking, Customs and industries or sectors who have the requirements to detect or identify objects.

## Sample Pictures

