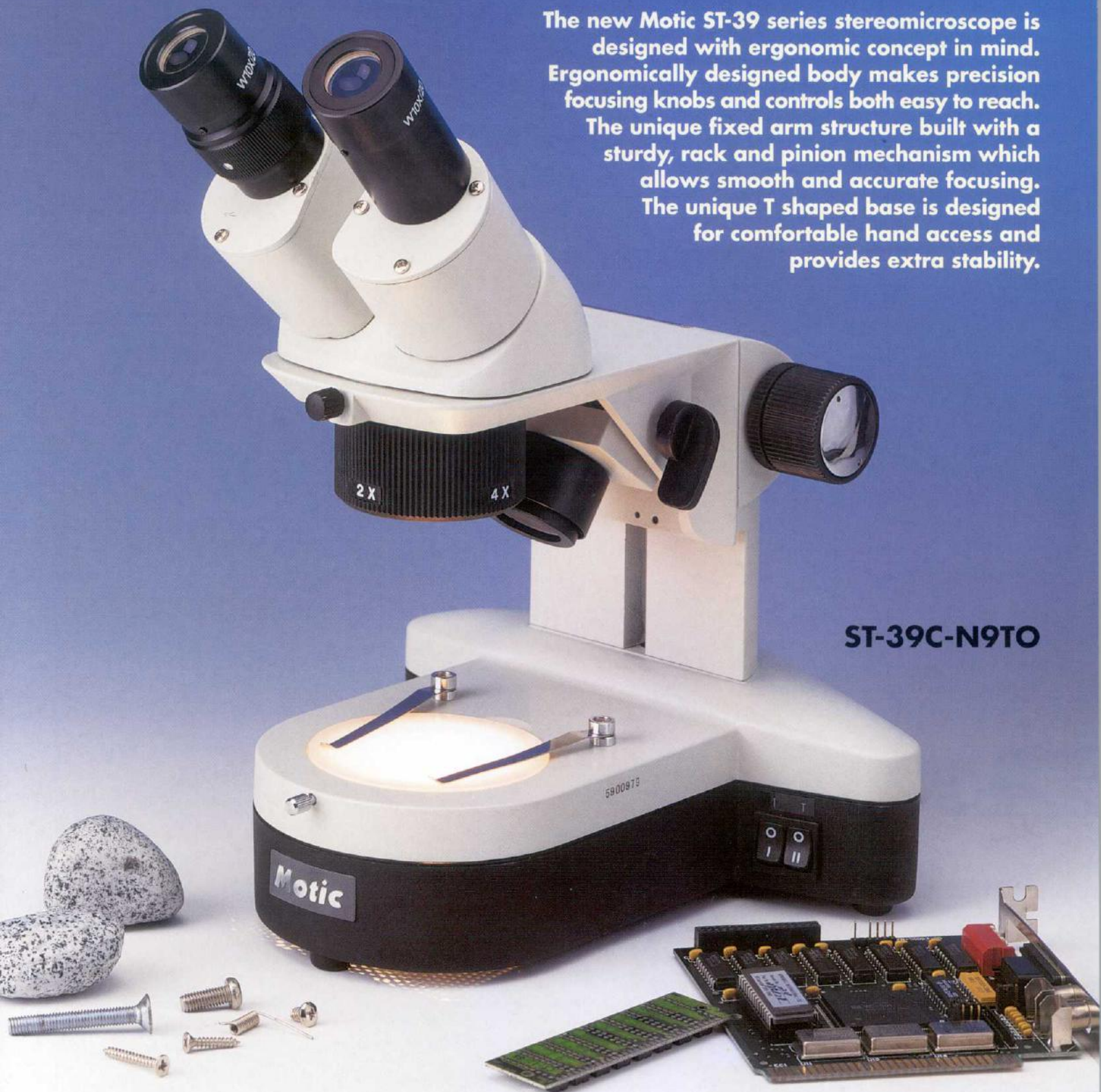


# ST-39 Series Stereo Microscope

**Motic®**  
Microscopes

The new Motic ST-39 series stereomicroscope is designed with ergonomic concept in mind. Ergonomically designed body makes precision focusing knobs and controls both easy to reach. The unique fixed arm structure built with a sturdy, rack and pinion mechanism which allows smooth and accurate focusing. The unique T shaped base is designed for comfortable hand access and provides extra stability.



**ST-39C-N9TO**

**Motic ST-39 stereo microscope, the ultimate choice for universal application under different environment.**

**Motic** certified ISO 9001



## Head

Binocular head rotates 360° and lockable by thumbscrew. Folding type binocular head allows easy interpupillary distance adjustment for viewing comfort.

## Eyepiece

High quality, all glass and coated widefield eyepieces are locked-on 45° inclined eye tubes. A diopter ring on independent left eye tube is a standard feature for compensation of eye acuity. Widefield 10X eyepieces are standard feature and optional eyepieces WF5X, WF15X, WF20X are also available.

## Objective Turret

Convenient 90° rotating objective turret changer holding two sets of objectives in different magnifications which allows dual magnifications. Three kinds of objective sets are available:

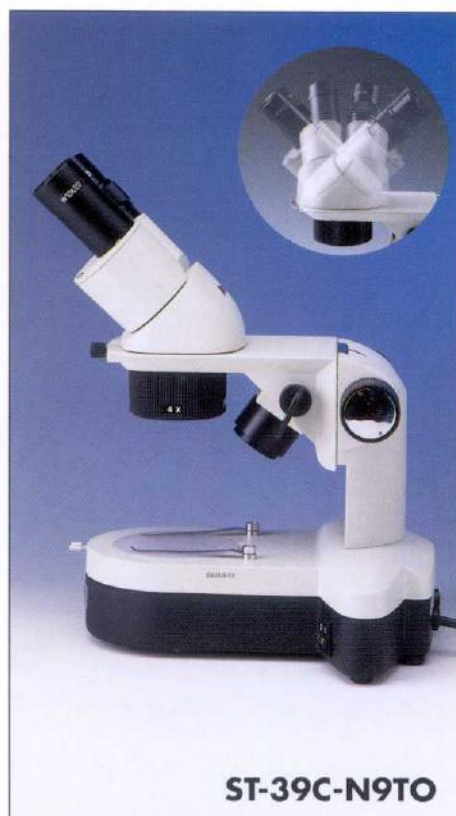
- A: 1X and 2X objectives
- B: 1X and 3X objectives
- C: 2X and 4X objectives

## Three-switch light system

Rocker switch in the base enables three ways use of top light, bottom light or both top and bottom lights simultaneously.

## Working distance

73mm working distance for 4X objective allows user to view bigger samples and gives clear three dimensional images.



**ST-39C-N9TO**

## Top Illumination

Top incident light can be adjusted in any direction by large side lever which provides maximum light intensity and better than conventional design. Top illuminator uses 12V/10W special flat filament bulb.

Bottom illumination: Both 12V/10W tungsten bulb incident light and 5W fluorescent bulb transmitted light are available for best illumination.

## Focusing System

Large coarse and fine focus knob with tension control adjustment is easy to reach and for fast and precise focusing.

## Stage plate

An 80mm frosted stage plate is held in with spring loaded pin, extra two stage plates, one in black and one in white are easy to swap and included as a standard feature. The standard stage plate size allows application of other Motic accessories for stereomicroscope, such as darkfield condenser.

## Stand

The new ergonomic design of T shaped stand provides extra stability and also allows comfortable hand access. Four different stands are available to meet various application in school, laboratory and industrial use.

## Choice of stands

<b>N9-P</b>	Plain stand without illuminator.	<b>N9-T</b>	Stand with top illuminator uses 12V/10W special flat filament bulb.
<b>N9TF</b>	Stand with both top and bottom illuminators. Top illuminator uses 12V/10W special flat filament bulb. Bottom illuminator uses 5W fluorescent bulb.	<b>N9TO</b>	Stand with both top and bottom illuminators. Top illuminator uses 12V/10W special flat filament bulb. Bottom illuminator uses 12V/10W normal bulb.

## Accessories

Items	Description	Order Number
WF-5X eyepiece	Field of view can reach 22.0 mm	E-1105
WF-15X eyepiece	Maximum magnification can reach 60X	E-1115
WF-20X eyepiece	Maximum magnification can reach 80X	E-1120
Darkfield condenser	Centerable and with iris diaphragm	C-1102
Polarizing kit	Polarizer, rotatable for jewelry study	B-301
Jewelry clamp	For holding the gem stone for study	C-1101

\* A new device for anti-fungus is available, this effect can last for more than three years.



## Optical data for ST-39 series

Models	Objective Magnification	Eyepieces								Working distance (mm)	Free Working distance (mm)
		5X / 22		10X / 20		15X / 13		20X / 10			
		Total Mag.	Field of view (mm)	Total Mag.	Field of view (mm)	Total Mag.	Field of view (mm)	Total Mag.	Field of view (mm)		
ST-39A-Stand	1X	5X	22.0	10X	20.0	15X	13.0	20X	10.0	83	73
	2X	10X	11.0	20X	10.0	30X	6.5	40X	5.0	89	
ST-39B-Stand	1X	5X	22.0	10X	20.0	15X	13.0	20X	10.0	83	
	3X	15X	7.3	30X	6.7	45X	4.3	60X	3.3	85	
ST-39C-Stand	2X	10X	11.0	20X	10.0	30X	6.5	40X	5.0	89	
	4X	20X	5.5	40X	5.0	60X	3.2	80X	2.5	84	

**Five Years Warranty:** All Motic instruments are warranted against defects in material and workmanship for five years. Damage resulted from repair by unauthorized parties or damage due to accident, alteration, misuse is not covered. Warranty service is provided by Speed Fair Co., Ltd. or its authorized dealer. Defective Motic instrument covered by the warranty will be repaired free of charge when they are returned, postpaid, to Speed Fair Co., Ltd. or its authorized dealer in your region. **Design Change:** The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation. **Electrical:** All electrical parts are arranged according to CE, VDE, UL and CSA requirements.

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