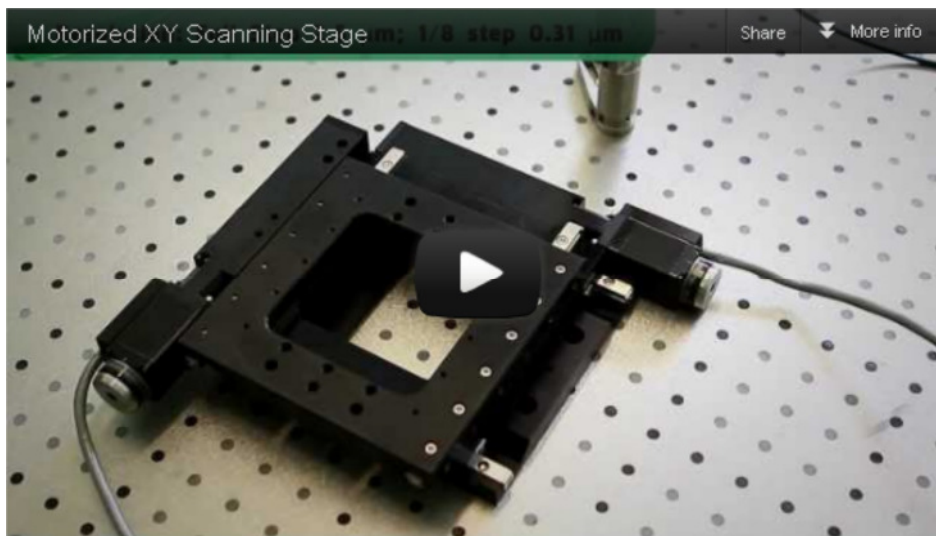


## 8MTF - Motorized XY Scanning Stage New!



- Travel range 75x75 mm (3") or 102x102 mm (4")
- Accepts linear encoders
- RS232 and USB control
- Custom support brackets available for various microscope types
- Suitable for most major brand Microscopes and Macroviewers
- For image analysis

The Motorized scanning stages 8MTF are designed for applications where high accuracy and repeatability is required. Microscopy is the most common application for such devices. All scanning stages require a motion controller to operate.



Custom model, more info [here](#)

### Specifications

<b>Lead screw pitch</b>	0.5 mm
<b>Resolution</b>	
Full Step	2.5 μm
1/8 step	0.31 μm
<b>Max speed</b>	10mm/sec
<b>Load capacity</b>	
Horizontal	50 kg
Vertical	6 kg
<b>Weight</b>	
8MTF-75LS05	3.10 kg
8MTF-102LS05	3.6 kg
<b>Cable</b>	integrated, 1.6 m length
<b>Motor connector</b>	HDB15(M)
<b>Stepper motor:</b>	28 ( <a href="#">wiring diagram</a> )
<b>Recommended controllers</b>	<a href="#">8SMC1-USBhF</a> <a href="#">8SMC3-RS232</a> <a href="#">8SMC2</a>
<b>Mechanical end limit switches</b>	4 (2 per axis)
Switch polarity	pushed is closed

### Models

Model	Travel range
<b>8MTF-102LS05</b>	102x102 mm (4")
<b>8MTF-75LS05</b>	75x75 mm (3")