

Modular Series

INSTRUCTION MANUAL

Model
SZ-STL5
SZ-STL5LED

Version: 3
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Warning

This microscope is a scientific precision instrument designed to last for many years with a minimum of maintenance. It is built to high optical and mechanical standards and to withstand daily use.

We remind you that this manual contains important information on safety and maintenance, and that it must therefore be made accessible to the instrument users.

We decline any responsibility deriving from incorrect instrument use uses that does not comply with this manual.

Intended use

For research and teaching use only. Not intended for any animal or human therapeutic or diagnostic use.

Package Contents

DESCRIPTION	QUANTITY
Arm	1
Focus with knobs	1
Desk clamp	1
Wall support	1
Spacer	1
Allen wrenches	4
Illuminator arm (SZ-STL5LED)	2
Control box (SZ-STL5LED)	1
Power supply 6v (SZ-STL5LED)	1

Product specifications

Weight Capacity: 3kg~8kg.
Maximum Extension: 577mm.
Depth from Pole (Closed): 75mm.
Tilt adjustment: +/-90 degree.
Swing adjustment: +/-90 degree
Pivot: 360/180/360 degree.

SZ-STL5LED

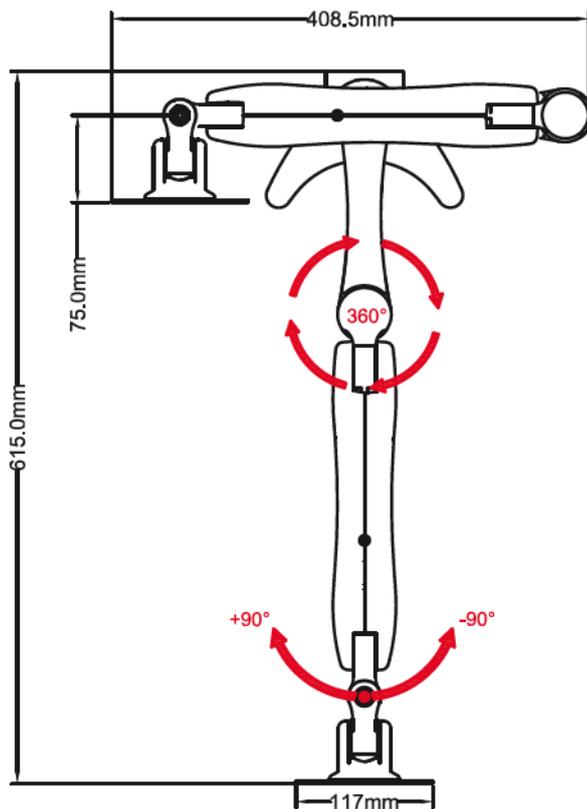
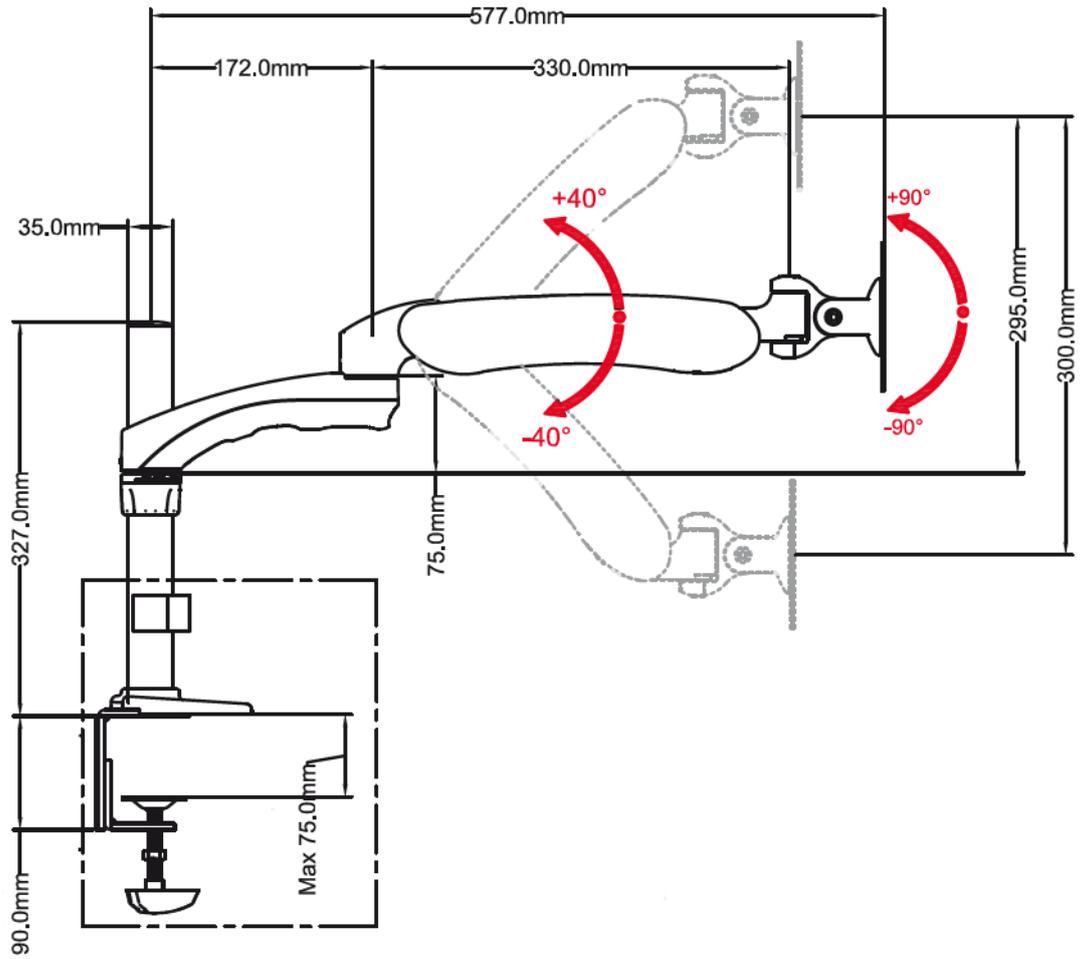
Stand: with white X-LED³ incident illumination system.
Intensity control using two dedicated knobs.
LED power: 3.5W (x2), each comparable to a 50W halogen bulb.
Color temperature: 6300K
LED average lifetime: approx. 50000h.
Provided power supply: 6V 2,5A

Assembly (SZ-STL5)

Mount the focus on to the arm, using the provided screws and allen wrench.



Overview



Installation to desk

1. Adjust the height of the Desk Clamp (2) to suit desktop surface (See Figure 1)

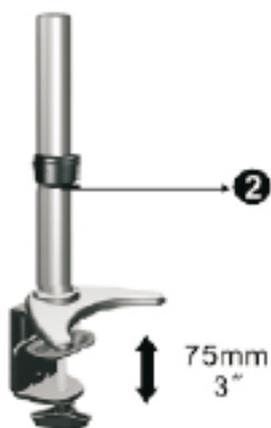


Figure 1

2. Attach the Desk Clamp (2) on to the edge of the desk in the desired position and with the clamp opening facing towards the edge of desktop (See Figure 2). Tighten by hand to ensure that the Desk Clamp fully clamps to the desktop surface and is secure (See Figure 3).



Figure 2



Figure 3

3. To position the Collar at your desired height, you will need to loosen the Collar as shown. Tighten by hand until the Collar is firmly in place (See figure 4)

DETAILED VIEW

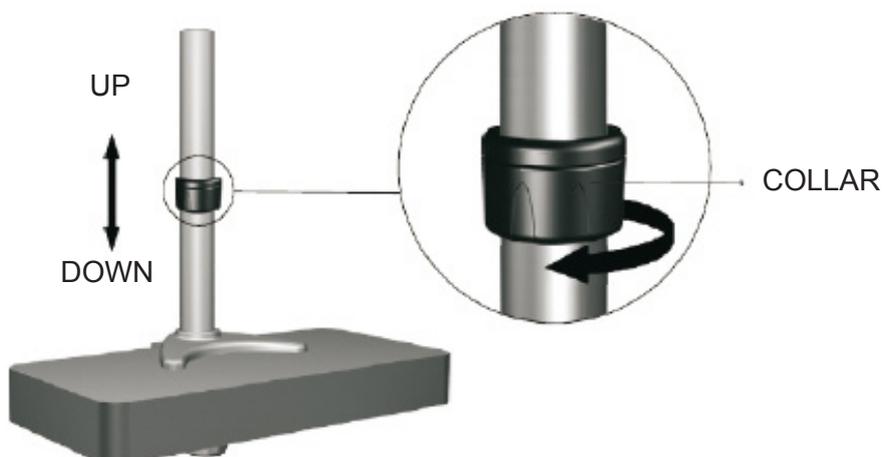


Figure 4

Adjusting the Mount Bracket Resistance

1. Product is brilliantly engineered to control the resistance in the Tilter Mount Bracket to suit swing side to side of 90 degree and tilt forward and backward of 90 degree. It is possible to control the amount of resistance in the Tilter Mount Bracket.
2. If the Tilter Mount Bracket tends to automatically fall, it may be required to adjust the Tilter Mount Bracket joint to suit your microscope tilt position of forward and backward of 90 degree. This can be done by using Hex Allen Wrench 6mm to increase the resistant of the Tilter Mount Bracket in order to secure tilt position, adjust the M5x15mm Tension Hex Socket Cap Screw located around the Tilter Mount Bracket Joint using 6mm Hex Allen Wrench. (See Figure 5).

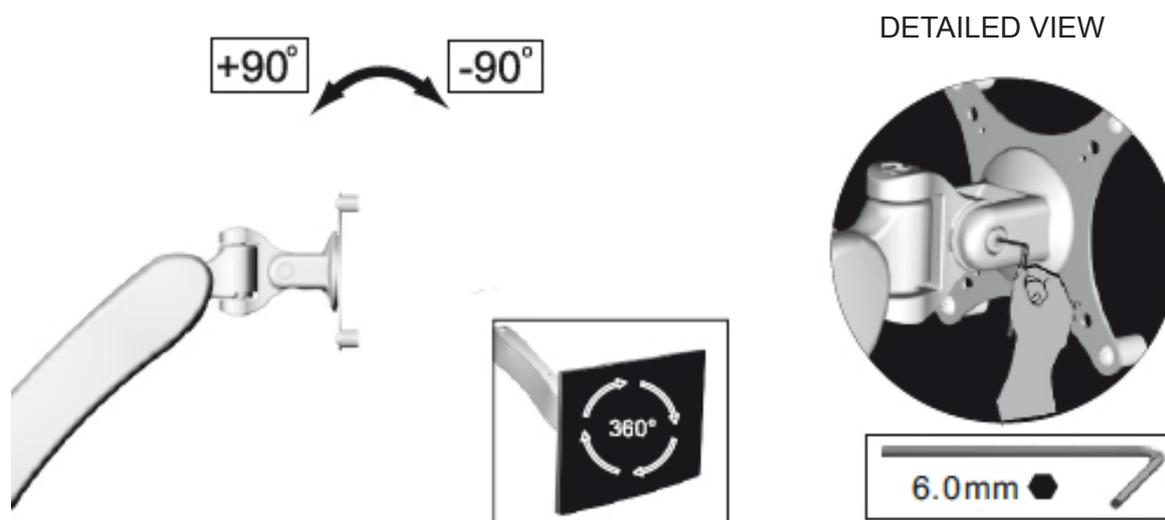


Figure 5

3. To increase or decrease the resistance of the Pivot Joint to suit microscope swing side to side, adjust the Tension Hex Cap Screw located on front side of the Articulating Arm to secure the position. (See Figure 6).
4. To increase the resistance, tighten the M5x15mm Tension Hex Cap Screw using Allen Wrench 4mm in a clockwise direction. To decrease the resistance, loosen the M5x15mm Tension Hex Cap Screw using Allen Wrench 4mm supplied in an anti-clockwise direction.

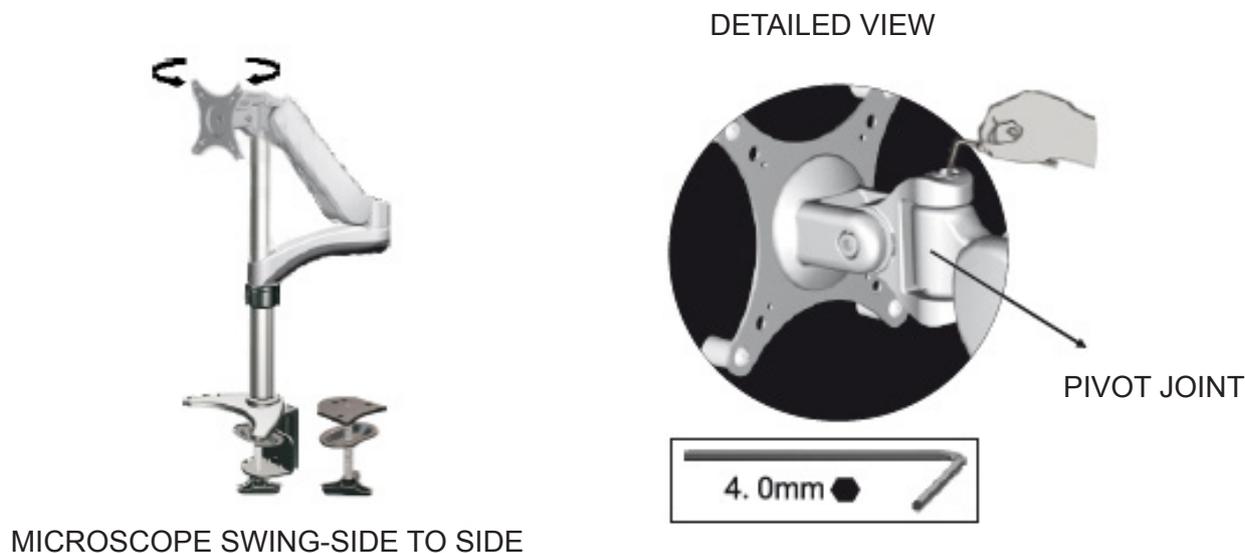


Figure 6

5. This production can be lift up and down as shown. (See Figure 7). If this product tends to automatically move to side, it may be required tension adjustment on the Articulating Arm to suit your microscope arm swing to side position. This can be done by using Hex Allen Wrench 2.5mm supplied. (See Figure 8).

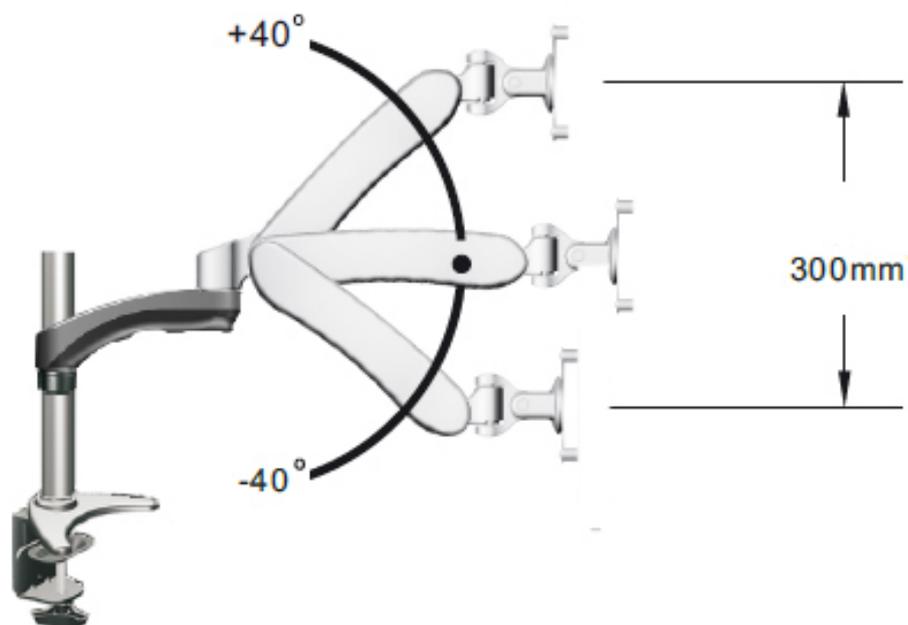


Figure 7

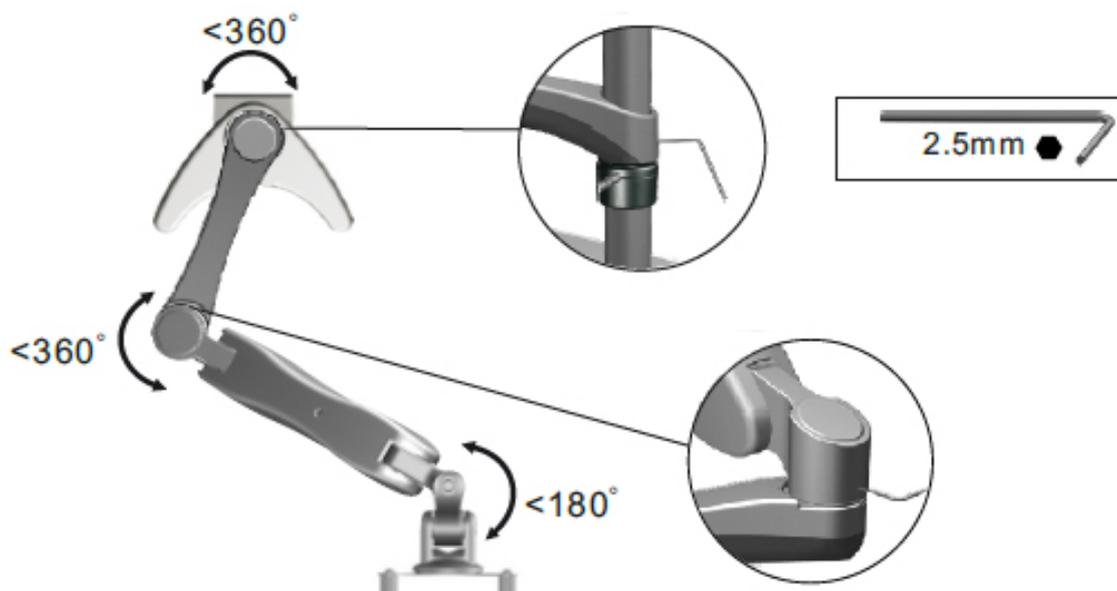
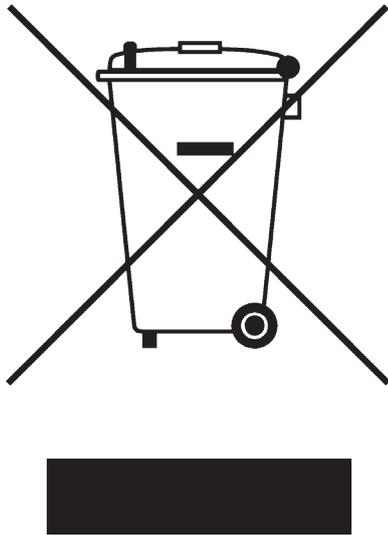


Figure 8

Equipment disposal

Art.13 Dlsg 25 july 2005 N°151. "According to directives 2002/95/EC, 2002/96/EC and 2003/108/EC relating to the reduction in the use of hazardous substances in electrical and electronic equipment and waste disposal."



The basket symbol on equipment or on its box indicates that the product at the end of its useful life should be collected separately from other waste.

The separate collection of this equipment at the end of its lifetime is organized and managed by the producer. The user will have to contact the manufacturer and follow the rules that he adopted for end-of-life equipment collection.

The collection of the equipment for recycling, treatment and environmentally compatible disposal, helps to prevent possible adverse effects on the environment and health and promotes reuse and/or recycling of materials of the equipment.

Improper disposal of the product involves the application of administrative penalties as provided by the laws in force.