

## STEREO TURRET MICROSCOPE XTDB-SP2N

Thank you for purchasing the NSK Stereo Turret Microscope.

Please read this manual thoroughly before use to insure proper operation and long service.

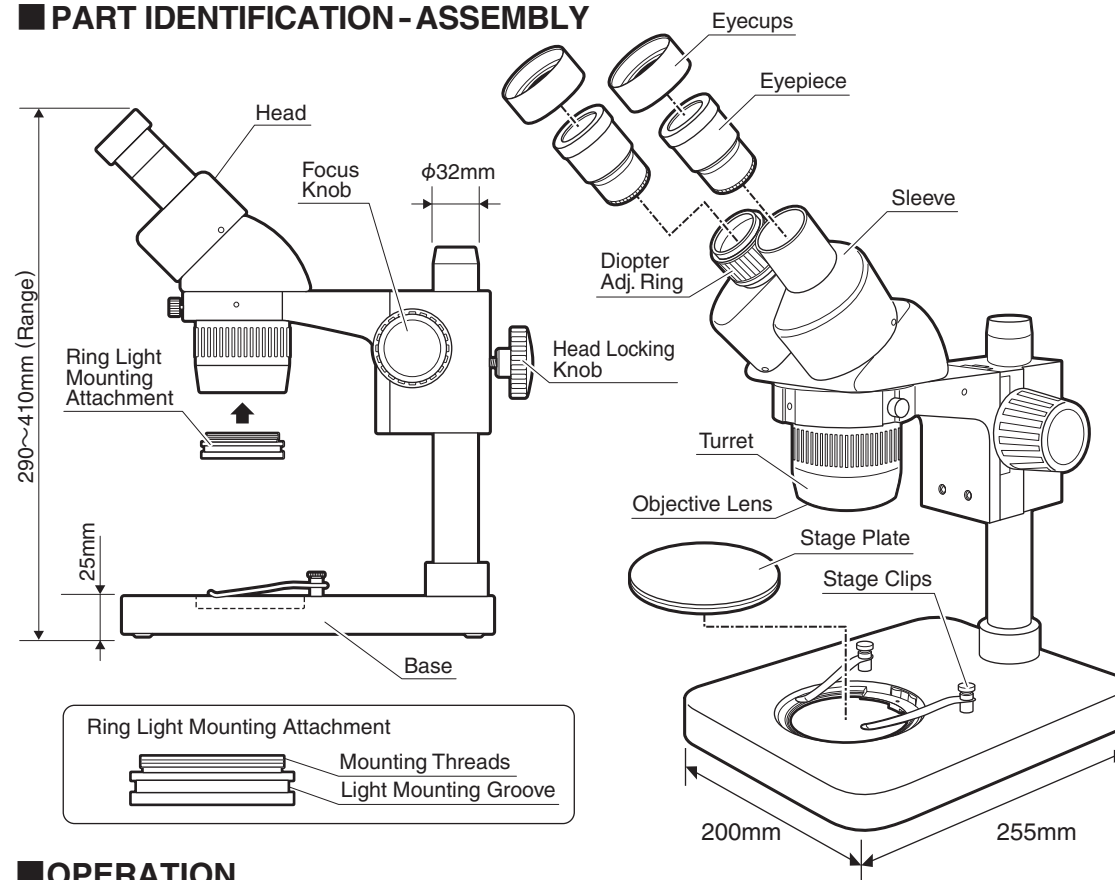
### NOTES

- This is a precision instrument – Handle With Care. Use caution to avoid shock or excessive forces on instrument when in use or transport.
- Avoid direct sunlight or areas with high temperatures or high levels of dust. Keep in location where temperate and humidity are stable.
- Keep lens surface clean from dirt and fingerprints.
- Clean the lens gently with lens cleaning cloth or soft cotton cloth.
- When not in use, store with protective cover, in location that has low moisture in order to prevent internal mold growth.

### SPECIFICATIONS

Magnification	10× • 30×
Objective Lens	1× • 3× (Turret style)
Eyepiece Lens	WF10× (20mm Field of View)
Working Distance	100mm
Eyepiece Angle	45°
Focus Adjustment	Movable Body
Stand	Pole Type (φ32mm)
Stage Plate	φ95mm Black/White Acrylic
Eye Width Adj. Range	55~75mm
Diopter Adj. Range	±5 Diopter
Illumination	Ring Light can be Installed
Ring Light Mounting	Light Mounting Groove : φ51mm Mounting Threads : M48 × P0.75
Base Dimensions	L255 × W200 × H25mm
Weight	Approx. 3.6kg
Accessories	Ring Light Mounting Attachment Cover

### PART IDENTIFICATION - ASSEMBLY



### OPERATION

#### 1. Sample Placement

- ① Place sample in center of Stage.
- ② If required, use Stage Clips to hold sample in place.

#### 2. Eye Width Adjustment

Hold the left and right sleeve in each hand and look through the eyepieces. Adjust the sleeves to align the left and right field of view seen through the eyepieces.

#### Securing the Head Position

- ① Hold the Left and Right Side Focus Knobs in your Left and Right hands.
- ② While holding one Knob, rotate the other in the direction of the arrow shown on the Knob for increased "TENSION" to tighten. Head position is now secure.

#### 3. Focus Adjustment • Diopter Adjustment

- ① Turn the Turret to select the desired Objective magnification.
- ② Look through the right Eyepiece with the right eye and observe the sample. Adjust the focus using the Focus Knob.
- ③ Look through the left eyepiece with the left eye, and adjust focus using the Diopter Adjustment Ring.

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