

Universal Motorized Slit Lamp Table

Operating Manual

Ophthalmic Examination Furniture

Intended use

Motorized height-adjustable instrument table for mounting a slit lamp or similar ophthalmic instrument, allowing the working height to be set for the patient during examination.

Intended users

For use by trained healthcare professionals and staff in ophthalmology and optometry settings. Follow your facility's protocols and applicable regulations.

Read this manual completely before first use and keep it with the product. This document provides general operating, care and safety guidance. Where the product is supplied with manufacturer labeling or instructions, those take precedence. For questions, a replacement copy, or a digital copy of this manual, email sales@scimedstore.com.

1. Safety

Safety warnings and cautions

- Connect only to a grounded outlet with the supply voltage marked on the unit.
- Do not exceed the 130 kg load capacity. Check the combined weight of all mounted instruments.
- Lock the caster brakes before mounting instruments and before every examination.
- Keep hands, feet, cords and the patient's knees clear of the table and column while the height is moving.
- Know the location of the emergency stop on the rear of the column and use it if movement must be stopped immediately.
- Unplug the table before cleaning, servicing or mounting instruments.
- Do not allow liquids to enter the column, motor, foot pedal or hand switch.
- When moving the table, unload or secure instruments and move slowly over thresholds. Do not rely on caster locks to secure the table in a moving vehicle.

2. Package contents

- Table base with column, casters and motor (pre-assembled)
- Top plate (shipped separately in the same crate)
- 4 machine bolts M8 x 30 mm

Check contents on receipt. Report missing or damaged items to sales@scimedstore.com within 48 hours of delivery.

3. Specifications

Height range	65-90 cm, motorized
Height control	Foot pedal with hand-switch backup
Load capacity	130 kg
Top plate	65 x 55 cm, anodized aluminum, standard 4-hole mounting pattern
Motor	DC linear actuator, thermal-protected
Adjustment speed	40 mm/sec
Base	Steel frame, 4 swivel casters, 2 with brake lock
Emergency stop	Rear of column
Power	110V/60Hz or 220V/50Hz (as ordered)
Weight	Approx. 65 kg
Top plate bolt torque	12 Nm

4. Unpacking and setup

- 1 Unpack the crate with two people. The table is heavy (approx. 65 kg); use safe lifting practice.
- 2 Place the base on a level floor and lock the caster brakes.
- 3 Fit the top plate to the column and secure it with the 4 M8 x 30 mm bolts supplied, tightened to 12 Nm.
- 4 Check that the supply voltage marked on the unit matches your supply, then plug into a grounded outlet.

- 5 Run the table through its full height range (65-90 cm) with the foot pedal and hand switch before mounting any instrument.
- 6 Mount the slit lamp on the top plate using its own base bolts, following the slit lamp manufacturer's instructions.
- 7 Route instrument power cables through the column cable channel so they do not interfere with the patient or moving parts.

5. Operation

Adjusting height for a patient

- 1 Confirm the caster brakes are locked.
- 2 Seat the patient and ask them to keep their knees and hands clear of the table edge.
- 3 Use the foot pedal (or hand switch) to raise or lower the table until the patient can rest comfortably on the chin rest and forehead band.
- 4 Release the control as soon as the required height is reached.
- 5 Carry out the examination per the slit lamp's instructions.

Emergency stop

- 1 If movement must be stopped immediately, press the emergency stop on the rear of the column.
- 2 Check the patient and the area around the table before resetting.
- 3 Reset the emergency stop per the labeling on the unit and test movement before resuming use.

Moving the table

- 1 Lower the table to a low position and switch off the mounted instrument.
- 2 Unplug the power cord and secure all cables.
- 3 Release the caster brakes and move the table slowly, guiding it by the frame, not the instrument.
- 4 Lock the brakes again at the new location.

6. Cleaning and disinfection

- Unplug before cleaning.
- Wipe the top plate and frame with a soft cloth lightly dampened with mild detergent or a hospital surface disinfectant compatible with anodized aluminum and painted steel.
- Clean the foot pedal and hand switch with a damp cloth only; do not let liquid enter them.
- Do not spray liquid directly onto the column or motor.
- Do not use abrasive cleaners.

7. Maintenance and storage

- Check the power cord, foot pedal and hand-switch cables regularly for damage.

- Check that the top plate bolts remain tight and the casters and brakes work properly.
- Keep casters free of hair and debris.
- If the motor stops after prolonged use, allow it to cool; the actuator is thermal-protected.
- Refer motor and electrical repairs to qualified service personnel.

8. Troubleshooting

Problem	Likely cause	What to do
Table does not move	No power, emergency stop engaged, or control cable loose	Check the outlet and cord, reset the emergency stop, and check the foot pedal and hand-switch connections.
Table stops during repeated adjustment	Motor thermal protection activated	Stop use and allow the motor to cool before continuing.
Table moves slowly or unevenly	Load too heavy or uneven	Check that total load is under 130 kg and centered on the top plate.
Table rolls during examination	Caster brakes not locked	Lock both braked casters.
Instrument wobbles	Loose top plate or instrument base bolts	Tighten the top plate bolts to 12 Nm and check the instrument mounting.
Unusual noise from the column	Mechanical wear or obstruction	Stop use, unplug and contact service.

9. Disposal

- Remove mounted instruments before disposal.
- Dispose of the motor, controls and cables as electronic waste and the metal frame as scrap metal in accordance with local regulations.

10. Warranty and support

Products are covered by SciMed's standard warranty (12 months from purchase unless a different period is stated on your invoice). Warranty terms: scimedstore.com/pages/warranty.

Support, spare parts and additional copies of this manual: sales@scimedstore.com. Please include your order number and a photo of the product or issue.

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