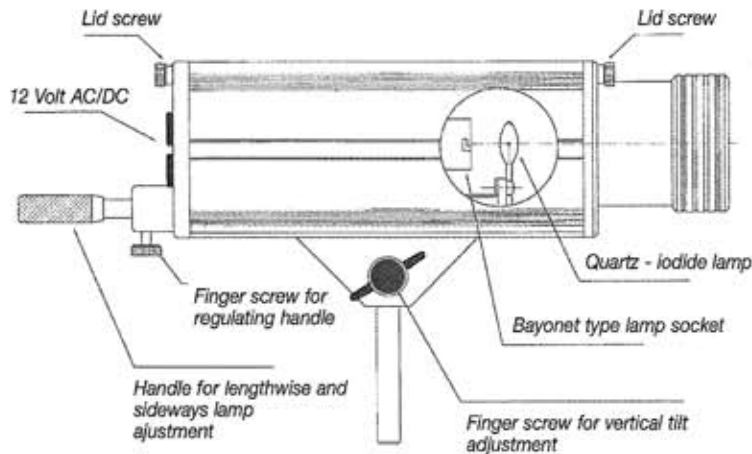


Reuter lamp



Description

This Reuter lamp is a universal white light source which optionally can be provided with a quartz-iodide bulb or a standard small filament bulb. The Reuter lamp is supplied with a cooling ventilator which ensures that the lamp housing surface temperature does not exceed 50 degrees C. The placement of the bulb within the housing can be adjusted both lengthwise and sideways, and the entire housing can be tipped in the vertical direction. The lamp can be supplied with an aperture assembly in front of the lens. A 10 mm diameter mounting rod is fitted to the bottom of the lamp for mounting the lamp on an optical bench or a laboratory stand. There are two 4 mm safety jack connectors for connecting the lamp to a power supply. The lamp is supplied with a 12 V/35 W no. 4265.40 small filament bulb.

Required Accessories

0006.00 Laboratory Stand
3610.50/3618.50/3620.XX Power Supply
2 test leads

Optional Accessories

2800.55 Aperture assembly for Reuter lamp

User Instructions

The Reuter lamp is connected to the power supply using two test leads with 4 mm jacks. The maximum supply voltage is 12 V AC/DC!

Lamp adjustment: First loosen the finger screws below the regulation handle. The lamp socket can now be adjusted lengthwise by pulling/pushing the regulating handle. Similarly the lamp socket can be adjusted sideways within the housing by screwing/turning the regulating handle. When the lamp is in the desired position, then it is secured by tightening the finger screws below the regulating handle. The lamp housing can be tipped vertically by loosening the screw fastener below the lamp housing.

Lamp replacement: Remove the connection leads from the power supply. Remove the two finger screws uppermost on the rear plate and the two finger screws uppermost on the front plate. The lid can now be lifted off the lamp housing making the lamp readily accessible and easy to change.

IMPORTANT:

When inserting a halogen lamp the lamp socket should be positioned as far forward as possible towards the lens before insertion. This should be done to avoid bending the metal plate on which the lamp socket is mounted. If the plate is bent it could hinder free movement of the lamp socket.

Remount the lid before connecting the Reuter lamp to the power supply. Note here that the ventilation holes should be at the front.

Spare parts

Quartz-iodide lamp 12 V/50 W 4270.10
Small filament lamp 12 V/35 W 4265.40

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