



CAUTION

WARNING

Nickel Metal Hydride Battery

Regular charge 8 hours / Maximum 12 hours

Do not use non-rechargeable batteries. Only use the rechargeable NIMH battery and power supply/charger provided by Ken-A-Vision.

Replacement Power supply - catalog no. VFPS1209300R (110v)
VFPS230R-2 (230v)

Replacement Battery - catalog no. SCBATBU2

Do Not put battery pack in fire or mutilate, battery may burst or release toxic materials that may cause burns!

WARRANTY: TEN YEAR WARRANTY AGAINST DEFECTIVE PARTS AND WORKMANSHIP. EXCLUDES BULB AND BATTERY.

Ken-A-Vision has quality technicians on staff to repair or service your microscope. **Contact us at 1.816.353.4787 for more details.**

Ken-A-Vision reserves the right to make design improvements and other changes in accordance with the latest technology. There is no obligation to make changes in products already manufactured. Patents Pending Copy Right 2002 Ken-A-Vision Corporation.

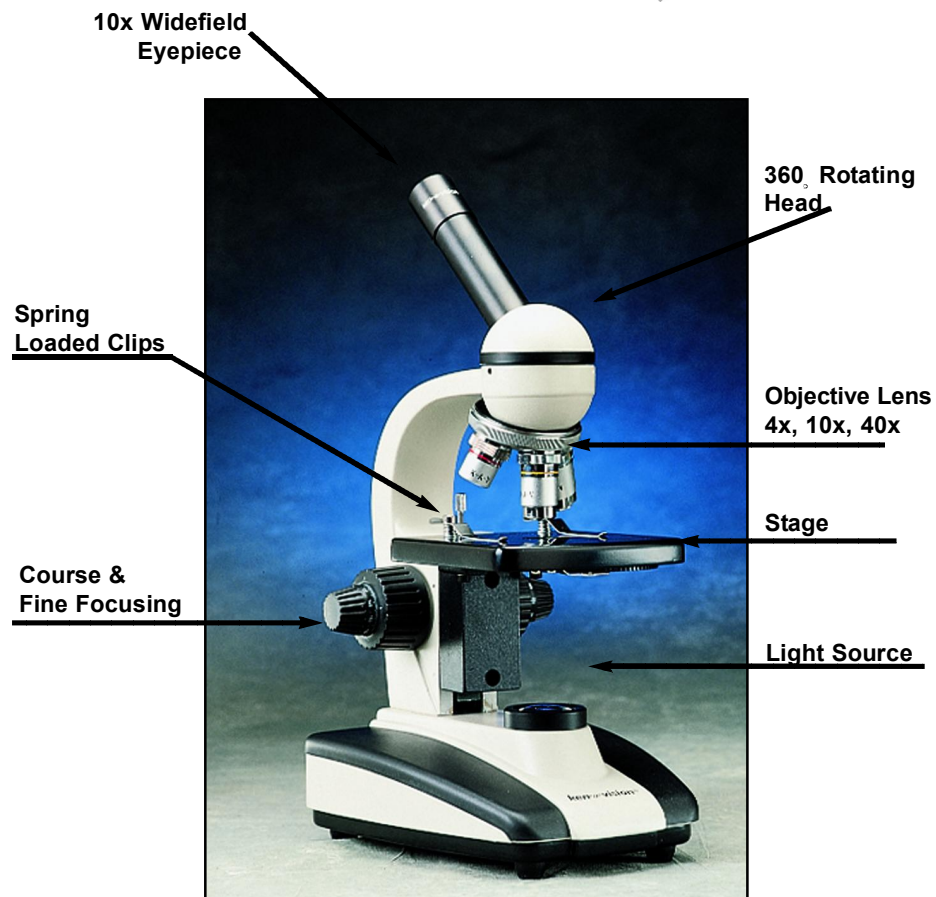


KEN-A-VISION MANUFACTURING Co., Inc.

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kav.instcman.cordless.pc.v2
Part# INS-SC8C



Cordless Comprehensive

Supplemental Instruction Manual

T-1901C

T-1902C

T-1903C

INSTRUCTIONS FOR USE OF YOUR KEN-A-VISION CORDLESS MICROSCOPE

1. Plug in the round pin adapter from the battery charger to the back of your microscope.
2. Then connect the opposite end to a 110v (220v international) electrical outlet.
3. With 1 over-night charge you can use your microscope for up to 40 hours of continuous operation.
4. *You do not have to fully discharge or drain the battery to recharge.*

TECHNICAL SPECIFICATIONS FOR MODEL NO. T-1900C SERIES

- Power Source Life: 500 Cycles (approximately 4-5 years depending on usage)
- Light Source Technology Equivalent to a 20 Watt Bulb
- Power Source: Built-in rechargeable NIMH (Nickel Metal Hydride)
- Light Board Life 100,000 Hours
- Cool Operating Temperature Less Than 25°C (75°F)
- 10 year warranty on microscope. Warranty does not apply to battery.

EQUIPMENT RATING: DESCRIPTION OF INPUT OUTPUT CONNECTION

Should you need a replacement power supply, contact Ken-A-Vision or your dealer. When using internationally, be sure to use the correct AC voltage either 110v, 220v, or 240v output voltage. (catalog # VFPS230R-2 (230v) or VFPS1209300R (110v). Output voltage is 9 volt DC 300mA and a 2.5 mmV barreled styled center position plug connection of



INPUT: 9VDC, 300 MA

The power supply/charger are made exclusively for the Ken-A-Vision Cordless Microscope. Failure to use non-Ken-A-Vision parts will void the warranty of your microscope.

Note: This equipment has been tested and found to comply with the limits for UL Standard 61010A-1.

ENVIRONMENTAL CONDITIONS

This equipment is designed to be safe at least under the following conditions:

- indoor use;
- altitude up to 2 000 m, or above 2 000 m if specified by the manufacturer
- temperature 5° to 40°C;
- maximum relative humidity 80% for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°C;
- main supply voltage fluctuations not to exceed +/- 10% of the nominal voltage;
- other supply voltage fluctuations as stated by the manufacturer;
- transient overvoltages according to installation categories;
- Pollution Degree 2 in accordance with IEC661
Normally non-conductive pollution occurs. Occasionally, however, a temporary conductivity caused by condensation must be expected.

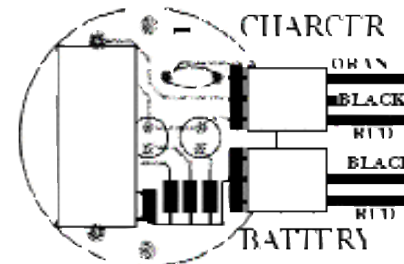
EQUIPMENT MAINTENANCE

The battery type is NIMH (Nickel Metal Hydride) part # VFBATBU2
Should you need a replacement power supply/charger, or battery, contact your nearest Ken-A-Vision dealer.

INSTRUCTIONS FOR REPLACEMENT OF CHARGER

Remove the connector cable marked battery from the light board. Next remove the old NIMH battery and properly discard.

To replace the NIMH battery simply plug in the cables to the appropriate color codes indicated. below. Secure the velcro strips to the battery and affix to the bottom of your microscope.



CONNECTOR COLOR CODE