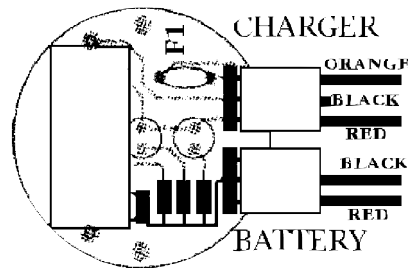


moistened cloth. Be careful not to spill or submerge the microscope in water as it may damage the battery, and other critical components

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

INSTRUCTIONS FOR REPLACEMENT OF CHARGER

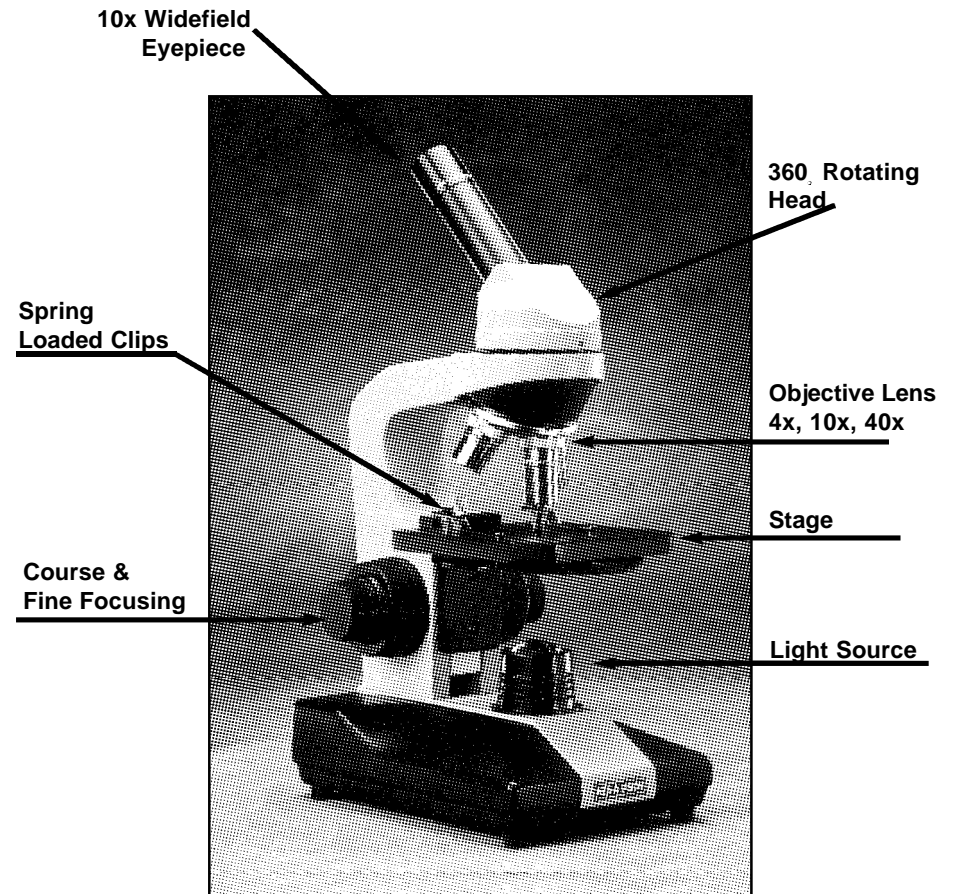
To replace the NIMH battery simply plug in the cables to the appropriate color codes as indicated.



CONNECTOR COLOR CODE
ON T-1901C & T-1901C

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

Patent Pending.



Cordless Comprehensive

Instruction Manual

T-1901C
T-1902C
T-1903C



KEN-A-VISION MANUFACTURING Co., Inc.

5615 Raytown Road, Kansas City, MO 64133 U.S.A Tel. 816-353-4787 Fax. 816-358-5072

Email: info@ken-a-vision.com www.ken-a-vision.com

kav.instcmn.cordless.pc.v1
Part# INS-SC50C

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.

Note: you do not have to fully recharge or drain the battery for the microscope to operate.

TECHNICAL SPECIFICATIONS FOR MODEL NO. T-1901C

- 10x Widefield eyepiece with pointer
- DIN Objective lens: 4x, 10x, 40x
- Coarse & Fine Focal Adjustment
- Power Source Life: 500 Cycles (approximately 2 years)
- 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.



CAUTION

WARNING

Nickel Metal Hydride Battery

Regular charge 4.0 hours / Maximum 12.0 hours

Do Not Overcharge

Do not use non-rechargeable batteries. Only use the rechargeable power supply provided by Ken-A-Vision. Replacement Power supply - catalog no. VFPS900. Replacement Battery - catalog no. SCBAT-757

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

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 input voltage either 110v, 220v, or 240v output voltage. For your cordless microscope to operate correctly, its output voltage should be 9 volt DC with a minimum of 300mA and a plug connection of



INPUT: 9VDC,300 MA

The power supply and 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

Preventative Maintenance/Instructions for cleaning

Your microscope is a fine precision instrument and should be treated with care. When not in use it should be protected from dust by the plastic cover provided. Lenses and mirror should be cleaned periodically with optical lens tissue that is soft and lint free. Painted surfaces can be cleaned with a