

Ken-A-Vision has quality technicians on staff to repair or service your microscope.



Contact us at
1-816-353-4787
or
www.ken-a-vision.com
for more details.



CAUTION

WARNING

Do not put batteries in fire or mutilate. Dispose of all batteries properly.

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

Nickel Metal Hydride Batteries

Regular charge 8 hours / Maximum 12.0 hours unless on Ken-A-Vision
Charger.

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

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

Replacement Batteries - catalog no. VFBATBU3



Cordless CoreScope

Supplement Instruction Manual

**T-1701C
T-1702C**



KEN-A-VISION MANUFACTURING Co., Inc.

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INS-SC60C.1205

CHARGING YOUR KEN-A-VISION CORDLESS MICROSCOPE

1. Before using your new cordless microscope be sure to charge it first.
2. The "On/Off" switch on the microscope should be in the "Off" position. Plug in the round pin adapter from the battery charger to the back of your microscope.
3. Connect the opposite end to a 110v (220v international) electrical outlet.
4. With one over-night charge (8 hours) you can use your microscope for up to 40 hours of continuous operation.

Note: It is not necessary to completely recharge the microscope in order to operate. Nor is it necessary to fully discharge the microscope prior to recharging.

When battery power is low, the power supply/charger may be plugged in and the microscope operated normally.

TECHNICAL SPECIFICATIONS FOR MODEL NO. T-1701C & T-1702C

- Power Source Life: 500 recharging Cycles (*approximately 4-5 years depending on usage*)
- Light Source: Ken-A-Vision Cool Light 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 limited warranty on microscope.

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 Microscopes. Failure to use 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 under the following conditions:

- indoor use;
- altitude up to 2 000 m
- 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;
- 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

All cordless microscopes should be recharged PRIOR to storage.

The battery type is NiMH (Nickel Metal Hydride)

Should you need a replacement power supply/charger, or battery, contact your nearest Ken-A-Vision dealer or www.ken-a-vision.com.

INSTRUCTIONS FOR REPLACEMENT OF BATTERIES

Remove the bottom plate of the microscope. Next remove the old NiMH batteries and properly discard.

To replace the NiMH batteries simply replace NiMH batteries with new NiMH batteries.

WARRANTY

Ten year warranty against defective parts and workmanship (excludes lamp and batteries).