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## Manual SCOPE PCE-E 45, 130, 122



### 1. Operation Instruction:

1. Open the battery cover and install 2 “AA” batteries, the negatives always heading front.
2. Adjust the cable and direct the lens to the object you wish to see.
3. Rotate the eyepiece (Focus) until the image appears clear.
4. For dark place, switch on the light for clearer viewing.

### 2. Precaution (MUST READ BEFORE USE):

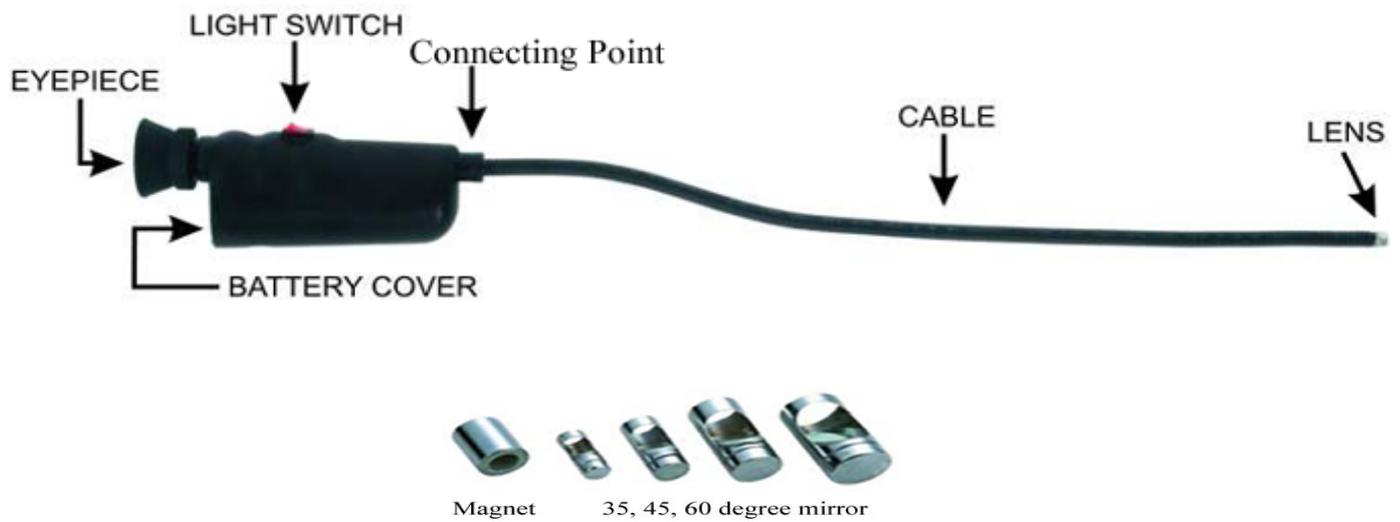
1. Do not bend the cable too hard (avoid 90° or over bending) for it might destroy it.
2. Do not submerge the handle (housing) in any liquid.
3. Do not insert the cable into hot locations greater than 70°C.
4. Maintain cleanliness of the lens. In case of dirt, you can use a soft cloth or cotton in cleaning.
5. The scope should be completely dry before storing in case.
6. Do not disassemble the scope for any reason. Warranty is void if the user opens the main unit.
7. This product is used only for automotive, aircraft, marine, locksmiths, plumbers, etc or inspect hard-to-reach area, and NOT for any unlawful usage.

### 3. How to Change the Bulb

- |                            |                       |
|----------------------------|-----------------------|
| 1. Open the battery cover. | 2. Pull out the bulb. |
| 3. Insert a new bulb.      | 4. Close the cover.   |

### 4. Trouble Shooting:

Symptom	Cause and / or Corrective Actions
The light cannot be turned on or dim.	The batteries were not installed or low power. » Insert new batteries. The batteries are not properly installed. » Checking the negatives always slide in first. The bulb is broken. » Change a new bulb.
Cannot view the object clear.	The eyepiece (Focus) was not adjusted. » Rotate the eyepiece (Focus) for clear image. There is dirt on the lens. » Use soft cloth or cotton to clean the lens. The optical fibres are broken (The fact: You only can see part or none of image form the eyepiece). » Contact your local agent for service.
The image is not in the right position.	» If your image slants to the right, you should twist the cable slowly to the right until the image stay right. » If your image slants to the left, you should twist the cable slowly to the left until the image stay right. Caution: Please twist two ends of the cable only. Do not hold the main unit and twist the cable. It will damage the connecting point between cable and the main unit.



Note: Optional Magnet and 35°, 45° and 60° Mirrors are available.

In this direction will find a vision of the measurement technique:  
<http://www.industrial-needs.com/measuring-instruments.htm>

**NOTE:** "This instrument doesn't have ATEX protection, so it should not be used in potentially explosive atmospheres (powder, flammable gases)."