

# Operating Instructions/Calibration Certificate

## CRACK DETECTION POCKET MICROSCOPE

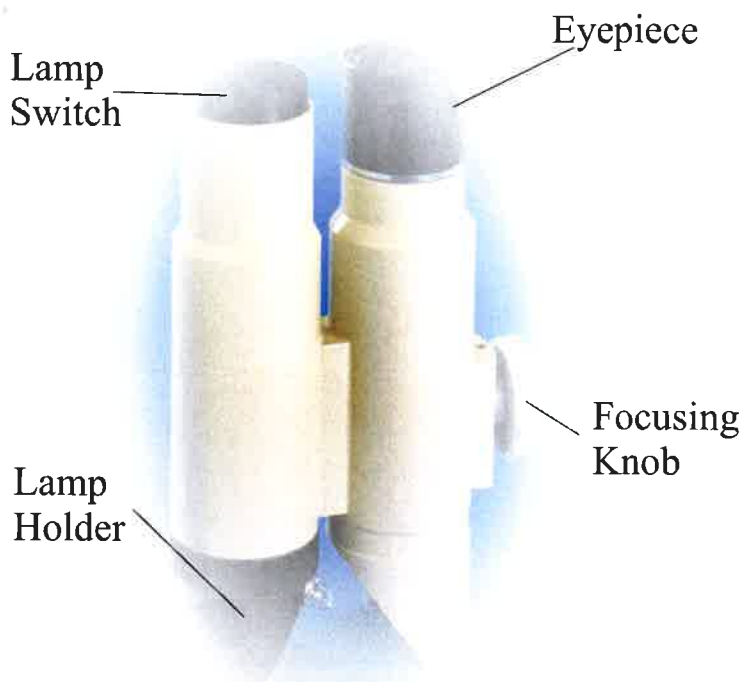
### BEFORE USE

#### Centralize Lamp Beam

In order to illuminate the field of view loosen the knurled ring slightly and twist lamp unit until the beam of light is centralised, tighten ring.

#### Microscope Focusing

The microscope is focused by turning the black knob on the side of the instrument. The eyepiece scale can be rotated to align with the direction of the crack.



### NOTE

Please ensure when changing the Battery that it is leak proof type i.e. Duracell.

### TROUBLESHOOTING

If the microscope fails to illuminate please make the following checks!

1. Battery is in good condition.
2. Lamp is screwed in tightly.
3. Battery + is next to lamp
4. Knurled ring is tightened.
5. Battery contacts are clean.

### Certificate of Calibration

This equipment is calibrated to the following standard.

Optical Magnification= X40

Measurement of error = 2.00mm no error recorded.

The above calculations were made using:-

Cert. No.

Glass Rule

06867

Test pieces are traceable to the UK Atomic Energy. Harwell.

NAMAS TESTING 0125

NAMAS CALIBRATION 0020

Signed.....

Print..... N.Gray.....