

SIXON 2

Content

Setting the film speed 6
 Measuring 6
 Zero point adjustment 7
 Reflected light method 8
 Incident light method 9
 Battery 10
 Ever-ready case 10

2

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Congratulations on your choice of the **SIXON 2** CdS exposure meter – a product of the **GOSSEN** company who also manufacture the world famous **MASTERSIX, VARIOSIX F2, PROFISIX, LUNASIX 3S, SIXTOMAT-digital, SIXTINO 2** exposure meters and the **COLORMASTER 3F** colour temperature meter.

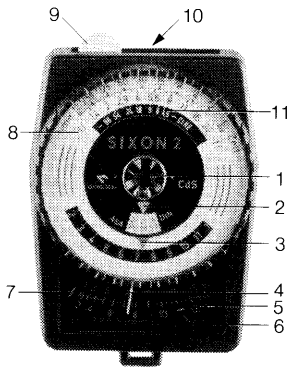
Read carefully through this operating instructions to obtain the best from it.

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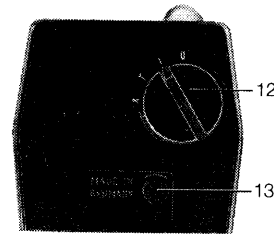
3

4

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- 1 Knurled knob
- 2 White triangular window
- 3 Yellow triangular window
- 4 Indicator needle
- 5 Scale values
- 6 Index mark
- 7 Zero setting
- 8 Setting ring
- 9 Diffusing sphere
- 10 Cell window
- 11 Cine speeds
- 12 Operating switch
- 13 Zero setting screw



Setting the film speed

Turn the central knurled knob (1), until the top of the white triangular window appears opposite the ASA or DIN number relevant to the film in use.

Measuring

To switch on, turn the operating switch (12) to I. The meter is now ready for either **reflected or incident light measurements**. The indicator needle (4) marks the scale value (5). This reading is transferred to the setting ring (8) by turning until the yellow triangular window (3) indicates the value measured by the needle (4). The upper part of the setting ring (8) shows the relevant shutter speed/aperture values. Select the most suitable combination for your purposes.

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5

6

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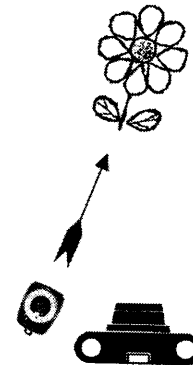
When **cine filming**, incident light measurements are taken and apertures to use are indicated above the relevant cine filming speed values (11).

Zero point adjustment

To check that the zero point of the measuring needle (4) is correct, the operating switch (12) is turned to 0. The needle should now rest at the zero check line (7) at the left hand side of the scale divisions. If it does not, it can be brought to the correct position by turning the zero adjustment screw (13) on the back of the meter.

Reflected light method

Push the diffusing sphere (9) to the left, taking care that the cell window (10) is not obstructed. With the sphere in this position, the SIXON 2 is ready to measure by the reflected light method and the meter should be directed towards the subject from the camera position. This is a good method of reading to adopt particularly when large areas of bright or dark tones are not included in the scene.



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7

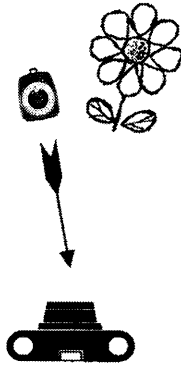
8

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Incident light method

Move the diffusing sphere (9) until it clicks into position over the cell window. With the sphere in this position, the **SIXON 2** is adjusted for incident light measurement. The meter is directed from the subject towards the camera, thus measuring the light falling on the subject from the camera angle.

Incident light measurements make possible accurate readings of inaccessible subjects when taken at a substitute point receiving the same illumination as the subject. It is also preferable to use incident reading when subjects contain large areas of either light or dark tones.



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9

Battery

Battery: 1 x 1.35 V IEC MR 9 (Duracell PX 625 or Varta V 625 PX)
You should check the voltage of the battery from time to time. When the operating switch (12) is turned to T, the needle (4) should come to rest on the index mark (6). If it fails to do so, the battery must be replaced. To do this, turn the operating switch (12) to X and the scripition should be visible when inserted. Switch off the **SIXON 2** when not in use to conserve battery power.

10

Ever-ready case

For protecting your valuable exposure meter your photo dealer offers an ever-ready case on request.

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Additional information

Your GOSSEN **SIXON 2** exposure meter is a photo electric precision meter with extreme life duration if treated with care.

Should it become faulty, for any reason, do not try to repair it yourself.

Return immediately to

Neue Adresse - New Address

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11