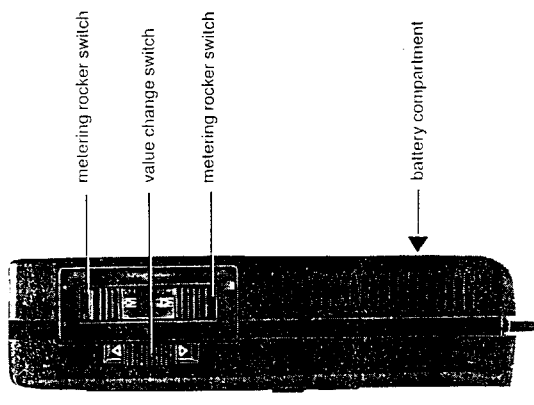


Co-ax socket for flash lead  
button for firing flash from the meter



metering rocker switch  
value change switch  
metering rocker switch  
battery compartment

The MULTISIX switched off, when after display of the actual measured value ISO display appears again. This display does not reduce battery life.

The MULTISIX automatically switches off within 2 minutes. Therefore there is no "off-switch".

- Direct analogue readout of the contrast range  $\pm 4$  stops
- Five attachments extending range of use
- Programmable exposure corrections
- Two silicon blue cells, one for continuous light and one for flash
- Automatic averaging of measurements from separate readings (up to 15)
- Converts lux readings into aperture and shutter speed combinations and exposure values and permits scanning and selecting all exposure combinations of any value measured
- Provides choice of aperture or shutter priority
- Extra features and information when used as a flash meter
- Reminder for "under" or "over" range
- Automatic battery check
- In-built memory stores measurement values
- Automatic cut-off

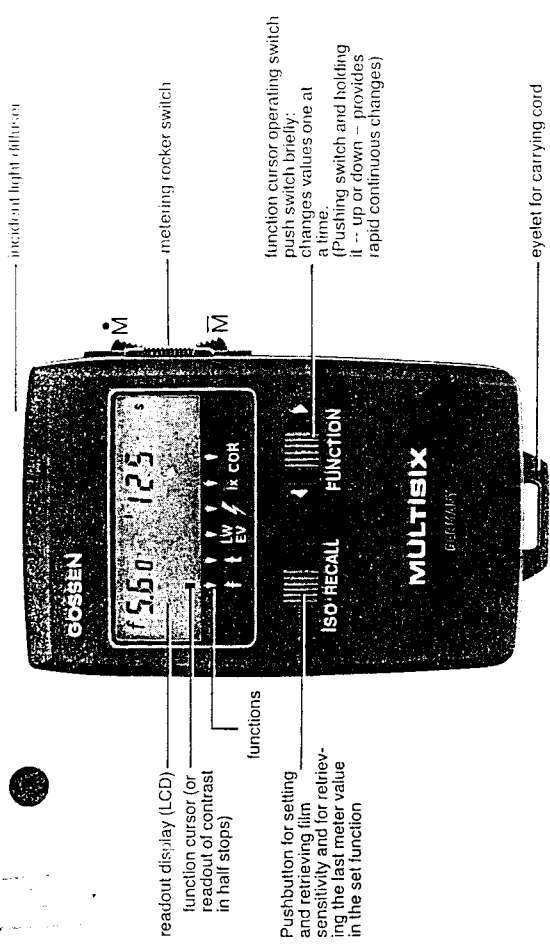
The MULTISIX is a digital exposure meter made by GOSSEN for flash and continuous light readings over a broad range and with high accuracy.

The five attachments make the meter into a system for facilitated use in solving even special light reading tasks in photography as well as when working with flash.

Sophisticated light reading on the basis of decades of experience in manufacturing exposure meters is now available to the user for facilitated use due to the application of microprocessor technology. The MULTISIX not only produces highly accurate readings but is also capable of saving these readings and computing the results at the touch of a button. The MULTISIX is comfortable and easy to use.

Here is an outline of some of the main features of the MULTISIX and its attachments:

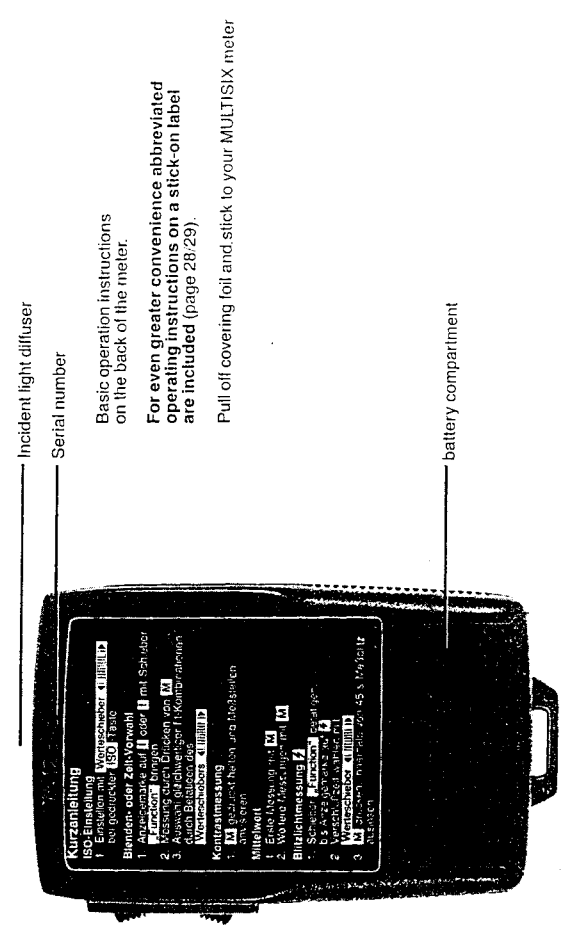
- Microprocessor-controlled and monitored Reads flash as well as continuous light
- LCD digital readout in tenths of a stop
- Analogue indication of tendencies in half stops



readout display (LCD)  
function cursor (or readout of contrast in half stops)  
Pushbutton for setting and retrieving film sensitivity and for retrieving the last meter value in the set function  
functions  
metering rocker switch  
function cursor operating switch push switch briefly: changes values one at a time. (Pushing switch and holding it -- up or down -- provides rapid continuous changes)  
eyelet for carrying cord

# MULTISIX

Rear with instructions

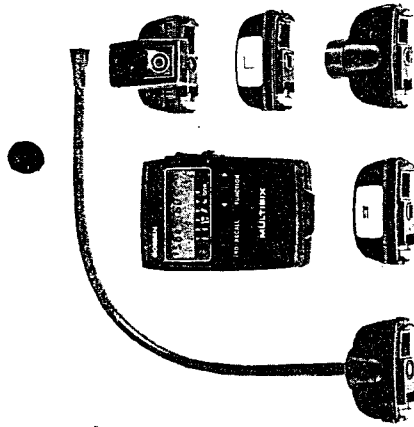


Incident light diffuser  
Serial number  
Basic operation instructions on the back of the meter.  
For even greater convenience abbreviated operating instructions on a stick-on label are included (page 28/29).  
Pull off covering foil and stick to your MULTISIX meter  
battery compartment

**Kurzanleitung**  
ISO-Einstellung  
1. Einlesen mit **ISO** Taste  
2. Messung durch Drücken von **M**  
3. Messung durch Drücken von **M**  
4. Messung durch Drücken von **M**  
5. Messung durch Drücken von **M**  
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100. Messung durch Drücken von **M**

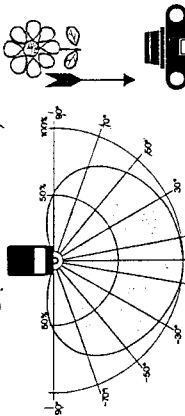
The MULTISIX system comprises the basic exposure meter and five optional attachments.

- TELE**  
reduces the measuring angle to 15° or 7.5°.
- REPRO**  
provides exposure information for copying.
- MESS-SONDE**  
Sensor for macro and micro readings and hard-to-reach areas; for ground glass continuous light readings.
- MICRO**  
assures convenient and precise measurement in micrography.
- LAB**  
determines exposure data in darkroom printing and enlarging.

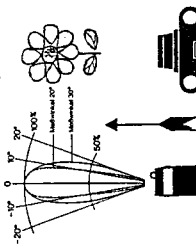


### Measuring Methods incident light and reflected light

The meter will measure either incident or reflected light for f, t, LW/EV,  $\frac{1}{25}$  functions.



Position of the diffuser for incident light readings  $\Delta$  (point the meter from the subject towards the camera position).



Position for the diffuser when reflected light readings  $\nabla$  are being taken (point the meter from the camera position towards the subject.)

### Battery

Your MULTISIX is supplied with a 9 V alkaline battery. A suitable rechargeable 9V battery may be used. The minimum life duration of such a battery is sufficient for about 2000 measurements. When the warning symbol **BAT** comes on in the display another 50 measurements (approx.) may be made.

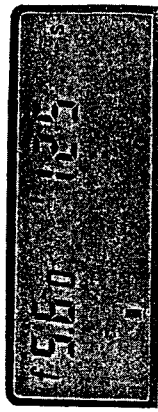
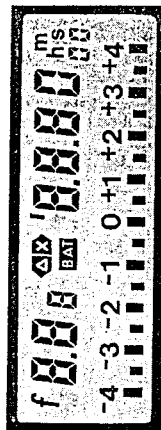
Changing the battery is easy: Slide off the battery compartment lid, remove exhausted battery, contact a fresh one, and insert it into the compartment as indicated. Close the compartment lid.

### Automatic circuit check

Immediately after battery insertion the microprocessor carries out a circuit check and all LCD indicators in the meter will go on at once confirming the meter's operational status. After the test this display will be replaced by f stop 5.6 and shutter speed  $\frac{1}{125}$  sec the meter's preset film speed setting (for technical data see page 25).

Changing the battery will cancel all values measured or stored in the meter.

### BAT



### REM

**Reminder symbol — correction factors**  
The reminder symbol will appear in the display in the functions f, t, LW/EV,  $\frac{1}{25}$ , when you have programmed a correction factor in the COR function (page 10).

**Warnings of the limits of the measuring range**

#### “Over” Range

The readout  $m/n$  signals that the values measured are greater than the meter can read (for technical data see page 25).

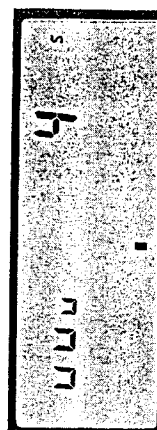
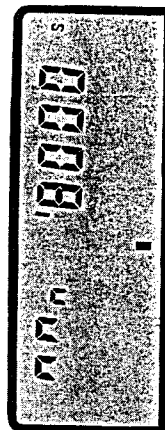
Push the value change switch down to bring the settings back to within the performance range of the meter.

#### “Under” Range

The readout  $m/n$  signals that the values are below the indicating range of the meter. So move value change switch upwards.

#### Pulsing of the display

This signal warns you that the readout must not be used, because the values are under or over range or that the aperture or shutter speed preselected by you are unsuitable for that subject.

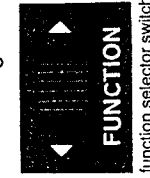


### Instantaneous readout of values

When pushing the rocker switch forward M you will obtain instantaneous readings of the appropriate values in the display which will stay there for 2 minutes after the last operation of the rocker switch. Rock the switch backward (M̄) for computing automatically the average value of up to 15 readings (page 16).

The MULTISIX then switches off automatically, but the measured values remain stored and can be displayed by pressing the ISO button. Keep ISO button pressed for half a second.

The stored reading can also be retrieved by means of the function selector switch or the value change switch.



function selector switch



value change switch

### Storing readings in the memory

Values measured and stored will be shown in the display for 2 minutes and retained in the memory until a new measurement is taken. Pushing the rocker switch M forward for metering will make the newly measured value be displayed immediately. The value is then stored in the meter memory.

In the continuous light mode this will also change all the values in the memory except those which had been preselected or programmed. In the flash mode all values in the memory pertaining to the flash metering which have not been preselected will change.

After the 2 minutes readout time the preselected film speed will appear on the display, this is regardless of the position of the function cursor.



Pressing the measuring switch eliminates the stored reading.

### Setting the film speed

Press ISO button and hold pressed for at least 1/2 second.



Setting the desired ISO value using the value change switch with the ISO button pressed.

This selected film speed will be retained in the meter memory until you change it to a new setting as described above or until you change the battery.

### ISO recall

By pushing the ISO · RECALL button, you can recall into the display the film speed you had set.

After releasing the button the last set of values measured will reappear.

### Programming of correction factors

With the function selector switch set the cursor to COR.

Set desired correction factor with the value change switch.

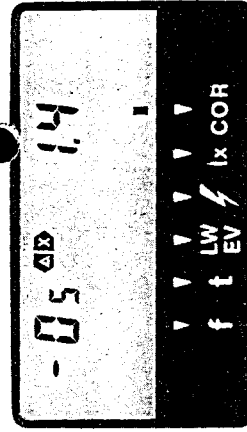
Example: -0.5 stops, factor 1.4

For programming the correction factors necessary when using the attachments see page 29 and following.

The reminder symbol will appear in the display as soon and as long as a factor is in the meter memory.

This will serve as a constant reminder that an exposure correction is in the meter's memory in the functions f, t, LW/EV, and that the reading has been adjusted automatically for that correction factor.

Correction expressed in f/stops



Correction value factor



Eliminate the correction value by altering the value change switch or quickly resetting the correction values:  
Set COR mode.  
Position diffuser to "Light measurement".  
Press first rocker switch M, then M̄.  
The surface should be evenly illuminated.

Display in COR position when correction value has been eliminated

The film speed is indicated in ISO (International Organisation for Standardization) in accordance with international standards.  
ISO 100/21° corresponds to 100 ASA/12 DIN for example

Eliminate the correction value by altering the value change switch or quickly resetting the correction values:  
Set COR mode.  
Position diffuser to "Light measurement".  
Press first rocker switch M, then M̄.  
The surface should be evenly illuminated.

Display in COR position when correction value has been eliminated