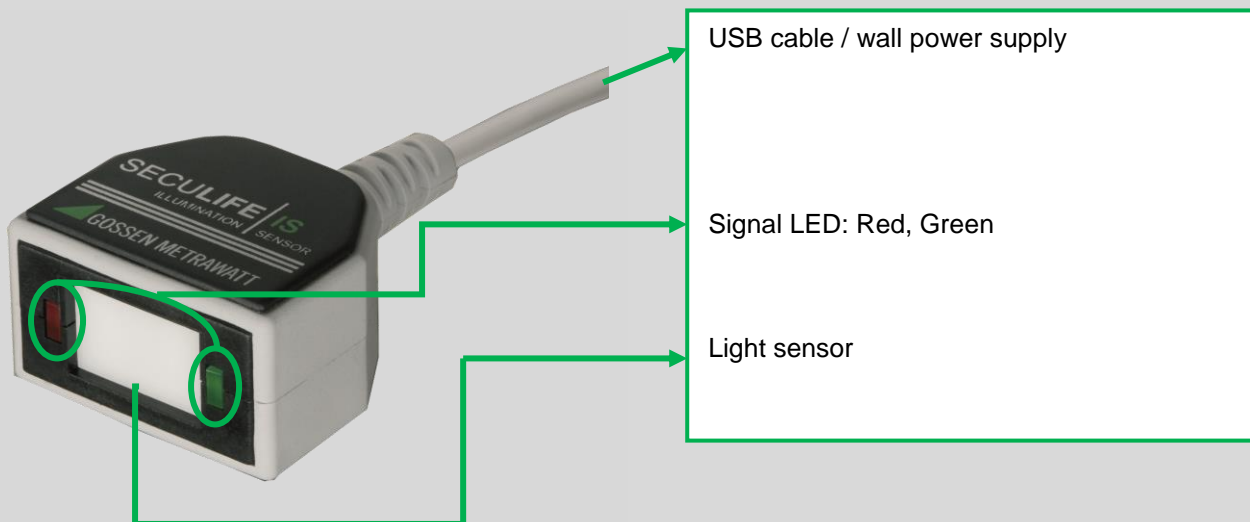# SECULIFE|IS|IT|IM

Quick Setup Guide

Overview & Components

The SECU**LIFE** IS simplifies quality assurance for diagnostic monitors and light boxes in medical applications in accordance with DIN V 6868-57. At the same time, it can be used to monitor room classes for medical tasks which are specified in the forthcoming DIN 6868-157 standard. Using the SECU**LIFE** IS extends the interval specified in the standards for constancy testing of image displays to 6 month with regard to veiling luminance and maximum contrast.

SECU**LIFE** IS

USB cable / wall power supply

Signal LED: Red, Green

Light sensor

Setup Guide

Initial Start-Up

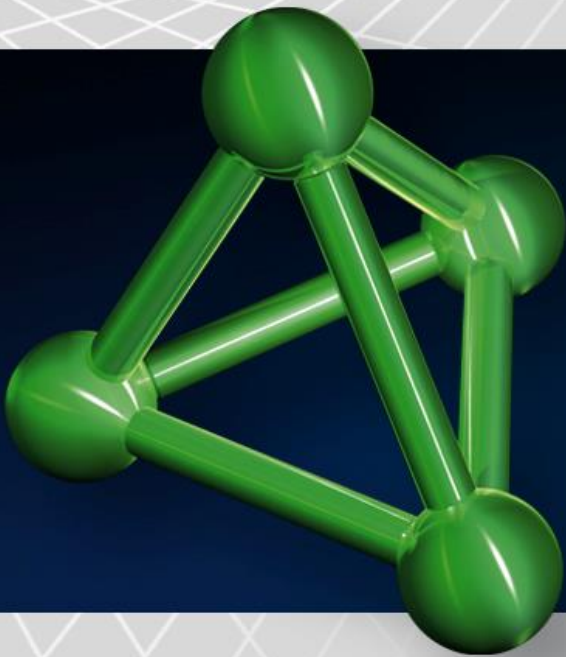Initial start-up of the SECU**LIFE** IS is quick and easy:
The instrument is connected with the included power pack, or to a USB port at the measuring PC, and is attached to the monitor screen.

The SECU**LIFE** IS is attached to the front edge of the monitor with the help of the double-faced tape at the bottom. The front of the SECU**LIFE** IS must be flush mounted to the front of the monitor. Please note that the SECU**LIFE** IS can no longer be removed after attaching it to your monitor.

WARNING! **Forcible removal of the monitoring unit will destroy the base plate of the** SECU**LIFE** IS**!**

1) Attach SECU**LIFE** IS to the monitor

2) Via USB cable for power supply:
   connecting it to an available USB port or
   the included mains power pack

3) Pay attention to LEDs

Overview & Components

The SECU**LIFE** IT is a high precision illuminance meter for use in hospitals and medical practices. It reliably measures the illuminance of daylight, as well as all types of artificial light sources, and is ideally suited for quality assurance: High precision in accordance with class B allows for use in certification applications and for inspection.
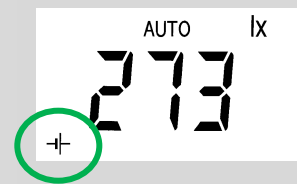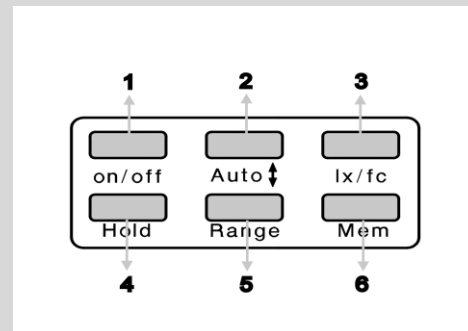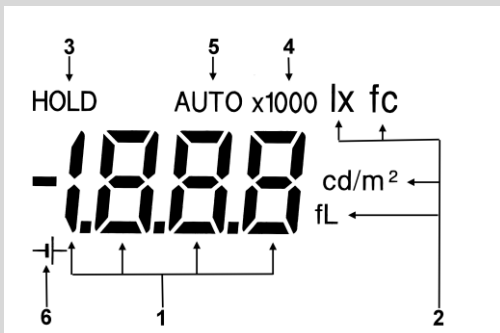
SECU**LIFE** IT

USB Port

Display

Key pad

Photometer head

Circular orifice

Light collector

Setup Guide

Preparation

1) First insert the battery -included in the delivery contents- in the battery compartment.

2) When the battery warning symbol ⊣⊢ appears in the display, the battery must be replaced.

Display

1. Display of measuring value and Memory

2. Measuring Unit

3. Display "HOLD" indication / Buffer Storage

4. Multiplying factor for measuring value

5. Auto ranging – automatic range selection

6. Low Battery

1. Switch On/Off

2. Range key – Memory/Measuring range

3. lx/fc – Select measuring unit

4. HOLD – Function / Buffer Storage

5. Range key – Memory/Measuring range
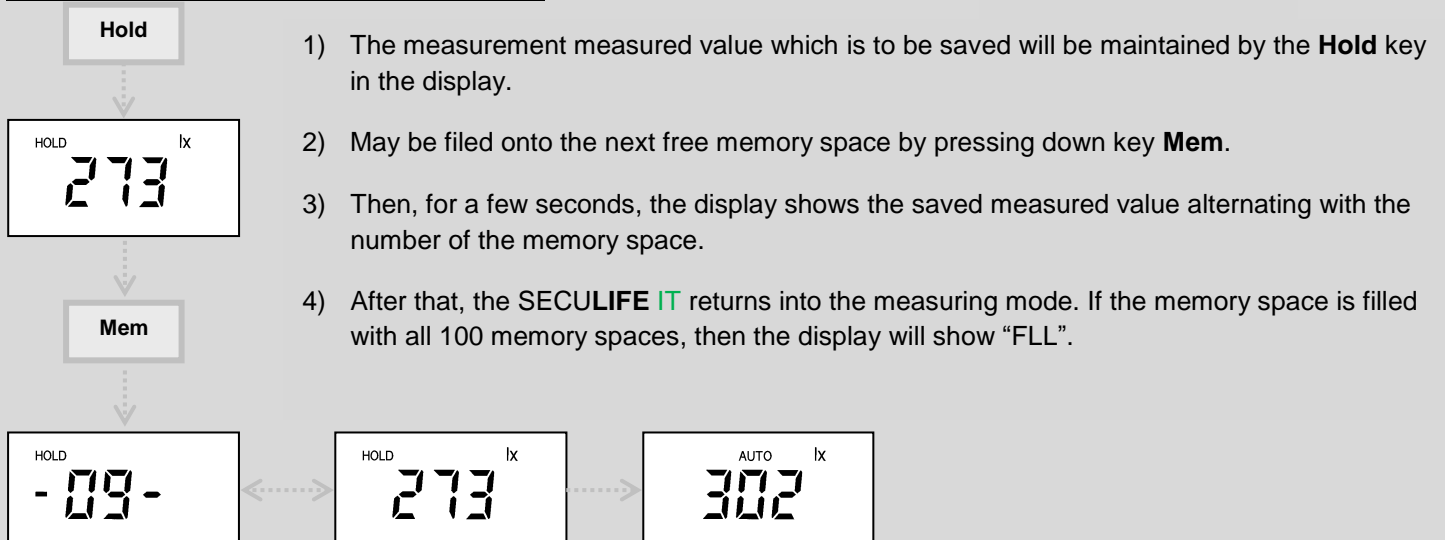
6. MEM – Memory key

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Sicherheit durch Kompetenz

Setup Guide

Switch On – Make Measurement

1) Press down the **on/off** key and the SECU**LIFE** IT will start up
   In measuring and will immediately be measuring at 2 times
   per second.

2) The instrument is in the function „AUTO", i.e. the SECU**LIFE** IT
   will select the best suited measuring range for the existing
   light level.

3) By pressing one of the **range** keys, one of the measuring ranges
   can be set.

4) Scrolling up or down through additional measuring ranges is
   accomplished by briefly pressing one of the range keys.

5) If both keys are pressed and held simultaneously, the instrument
   is returned to "AUTO RANGING".

„Mem"– Save Measured Values in Memory

1) The measurement measured value which is to be saved will be maintained by the **Hold** key
   in the display.

2) May be filed onto the next free memory space by pressing down key **Mem**.

3) Then, for a few seconds, the display shows the saved measured value alternating with the
   number of the memory space.

4) After that, the SECU**LIFE** IT returns into the measuring mode. If the memory space is filled
   with all 100 memory spaces, then the display will show "FLL".

Overview & Components

SECU**LIFE** IM the precision measuring instrument. The device is designed for class B contact measurements. It's suitable for the performance of measurements at transilluminated and self-luminous surfaces, for example at monitor screen workstations and findings screens.

SECU**LIFE** IM

USB Port

Display

Key pad
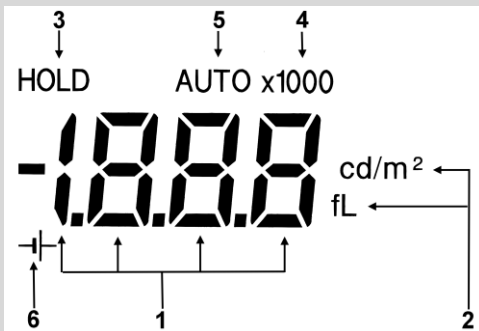
Light measuring probe

Light sensor

Setup Guide

Preparation

1) First insert the battery in the battery compartment.
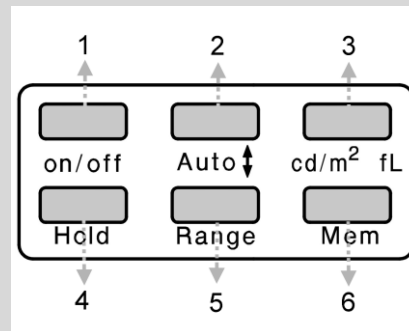   **Care should be taken to place the battery correctly according to the polarity.**

2) When the battery warning symbol ⊣⊢ appears in the display, the battery must be replaced.

Display

1) Display of measuring value and Memory indication

2) Measuring Unit

3) Display "HOLD" indication / Buffer Storage

4) Multiplying factor for measuring value

5) Auto ranging – automatic range selection

6) Low Battery

1) Switching on/off

2) Range key – Memory/Measuring range

3) cd/m² fL – Select measuring unit

4) Hold – Function
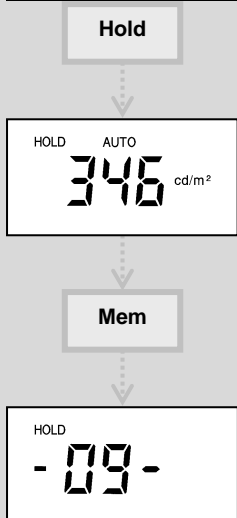
5) Range key – Memory/Measuring range

6) Mem – Memory key

Setup Guide

Switching on – Making Measurement

1) Press the **on/**off key and the SECULIFE IM is immediately in the measuring mode and is measuring at the rate of 2 times per second.

2) The instrument is in the function "AUTO", i.e. the SECU**LIFE** IM will select the best suited measuring range for the existing light level.

3) By pressing one of the **range** keys, one of the measuring ranges can be locked.

4) Browsing up or down through additional measuring ranges is accomplished by briefly pressing one of the **range** keys.

5) If both keys are pressed and held simultaneously, the instrument is returned to "AUTO RANGING".

„Mem"– Storing measurement value in memory

Hold

The measurement value to be memorized is locked by the **Hold** key in the display.

1) By pressing the key **Mem** you will enter the value to be stored in the free memory location.

2) An acoustic signal confirms "value stored in memory".

3) The display indicates the stored measurement value alternating with the number of the memory location for a few seconds.

4) Subsequently, the SECU**LIFE** IM will return to the measuring function.

5) When the memory is completely filled, the display will show "FLL".

Mem