



INSTRUCTIONS FOR:
LUX METER
 MODEL No : **TA065**

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1. GENERAL SAFETY

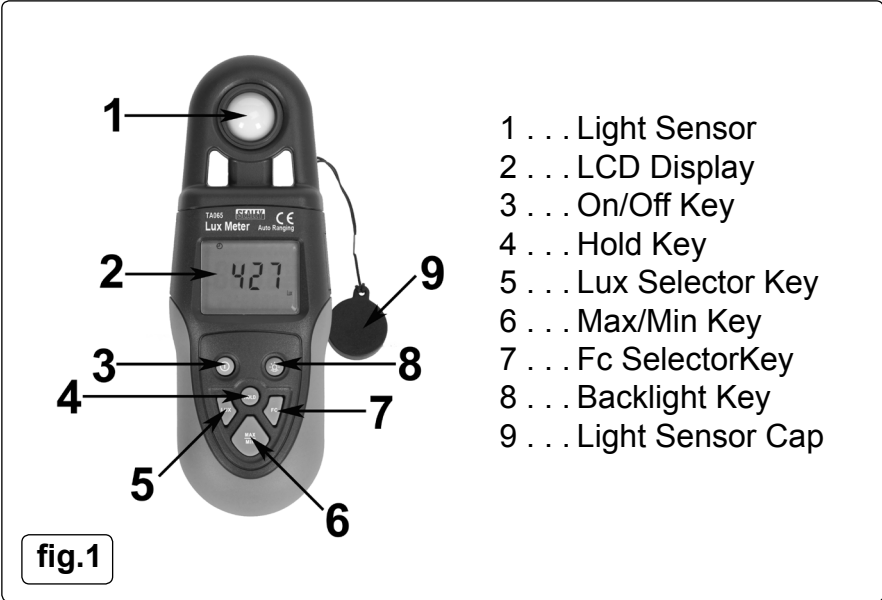
- ✓ Familiarise yourself with the applications, limitations, and potential hazards of the lux meter.
- ✓ Keep the lux meter clean and in good condition.
- ✓ If using to assess bright lights, apply common sense regarding eye protection.
- ✗ **DO NOT** operate the meter in a flammable or explosive atmosphere.
- ✗ **DO NOT** get the lux meter wet or use in damp or wet locations or areas where there is condensation.
- ✗ **DO NOT** use the lux meter for any purpose other than that for which it is designed.
- ✗ **DO NOT** allow untrained persons to operate the lux meter.
- ✗ **DO NOT** operate the lux meter when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **WARNING: The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.**



2. INTRODUCTION & SPECIFICATION

High precision portable light meter with silicon photodiode and filter. Includes a large back-lit LCD screen that displays in either lux or fc. Ideal for general use or ensuring sufficient lighting in workshop or office environments. Features Max./Min., data hold, auto power off and calibration procedure. Supplied in storage case with 9V battery.

Model No: **TA065**
Range: 0-99999 lux /0-9999fc
Accuracy: ±6%
Sample Rate: 2.5 times per second
Battery: 1 x 9V (supplied)



3. OPERATION

All numbers refer to fig.1

- 3.1. Remove the light sensor cap (9) and press the on/off key (3) to switch the meter on. (Always protect the light sensor with the cap when not in use.)
- 3.2. Move the meter to the required position and place the light sensor square on to the light source.
- 3.3. The display (2) shows the light reading. 'Lux' or 'fc' readings can be selected by pressing either key 5 or key 7.
- 3.3.1. 1 foot candle (fc) =10.764 lux, 1 lux =.0929 foot candles.
- 3.3.2. If the reading shows 'x10' beside the figures, it must be multiplied by 10 for the correct value.
- 3.4. **Holding a Reading:** Pressing the hold key (4) will freeze the display at that reading. 'Hold' will appear as a reminder that the function is engaged. Press key 4 again to cancel the function.
- 3.5. **Maximum and Minimum Mode :** Press the max/min key (6) once to record the maximum light level encountered since the key was pressed; a second press will show similarly the minimum reading whilst in this mode.
- 3.5.1. If the hold key (4) is pressed whilst in maximum or minimum mode, the meter will stop measuring until pressed again to retain the reading.
- 3.6. **Auto Power Off:** If the $\text{\textcircled{P}}$ symbol appears in the top left hand corner of the screen, it denotes that the auto power off mode is activated. In this mode, the meter will switch off automatically if no key is pressed for about 10 minutes.
- 3.6.1. To disable this mode, press the max/min key (6) and keep pressed whilst switching on with key 3. Perform the same procedure to re-activate.
- 3.6.2. The meter can be switched off manually at any time by pressing key 3.
- 3.7. **Zero Adjustment:** The meter should be zeroed periodically; to achieve this place the cap (9) over the light sensor (1) then press and hold down the hold key (4) until 'adj' followed by '0.00' appears on the display. The meter is then zeroed.

NOTE: If the cap is not placed over the light sensor, the word 'cap' will appear on the display to indicate that the process has failed. Fit the cap correctly and repeat.

4. BATTERY REPLACEMENT

- 4.1. When the $\text{\textcircled{P}}$ symbol appears in the display, the battery is nearly discharged and should be replaced immediately.
- 4.2. **Battery Removal:** To open the battery compartment, release the catch (fig.2) and open the cover (fig.3)



- 4.3. Disconnect the battery and replace with a fresh 9V battery, ensuring the correct polarity connection.
- 4.4. Replace the battery in the compartment, close and secure the cover.

5. CLEANING

- 5.1. Use a soft, dry cloth to clean the meter. **DO NOT** use abrasive or solvent cleaners, nor a damp cloth

Environmental Protection.



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

Battery Removal



To remove the battery, see section 4 above.

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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