

II.2 Change units

Measuring mode: momentarily depress [mode]
(mm / INCH instruments only)



II.3 Change zero point

Measuring mode: momentarily depress [set]



II.4 Hold measurement

Place the instrument in reference / Hold mode by pressing [mode] for more than 1 second



Then momentarily depress [set] to lock / release the display.



Note: The displayed value is automatically transmitted to the OPTO-RS232 interface. Hold is released if the connector is inserted with the LED active or if the transmission request is made via peripheral equipment (See also operating manual for OPTO-RS connector).

III Changing the battery

Change the battery when the 'B' indicator appears.

Note: after changing the battery, press the [mode] and [set] buttons simultaneously until the display is off. The instrument briefly displays « rESET », then reverts to measuring mode and displays 0.00 mm.

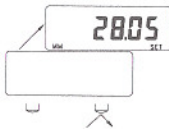
In the case of an error, press [mode] and [set] simultaneously to clear the display.



IV Switch instrument on / off

IV.1 Switch on using buttons

Press the [set] button momentarily to switch the instrument on. The instrument switches on in the mode that was active when it was last switched off.



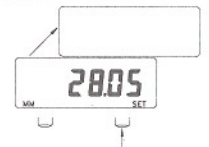
IV.1.1 Switch on using OPTO-RS

Activate the LED of the OPTO-RS connector or transmit any command from the peripheral equipment to switch the instrument on. The instrument responds with its identification (SY225.xx.x).

IV.2 Switch off

Press the [set] button until the display disappears.

It is not possible to switch the instrument off when the OPTO-RS is connected with the LED illuminated.



V Initialization functions

These functions allow you to change the initial parameters of the instrument. These modifications are not permanent (disabled when the battery is changed or a reset is performed) and require a good working knowledge of the instrument.

V.1 Keyboard lock function

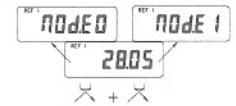
V.1.1 Operation

Disables the function of the [mode] button to prevent accidental changes to instrument parameters by the user. This function can only be activated in reference mode.

Note: only the [set] button (data transmission / hold measurement) remains active.

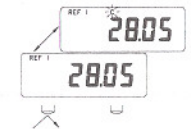
V.1.2 Locking the [mode] button

Place the instrument in Reference mode, then momentarily depress [set] and [mode] simultaneously until <MODE0> is displayed.



V.1.3 Indication on display

The 'C' indicator appears each time [mode] is activated.



The [set] button (hold / transmit data) remains active.

V.1.4 Unlocking the [mode] button

Momentarily depress [set] and [mode] simultaneously, or reset the instrument.

V.2 Resetting the instrument

In the event of a malfunction it is advisable to reset the instrument. Press [mode] and [set] simultaneously until the display is off. The latter displays "RESET" when both buttons are released.

The instrument reinitializes in measuring mode, in mm.

VI Error messages on display

If a measuring error is detected, the instrument displays the 'Err0' message and sends the <ERRO> message to the OPTO-RS output.

Press the [set] button to disable the error message.



Important: then check the measurement reference.

VII Operation with OPTO-RS connector

VII.1 Operating modes

It is possible to transmit the displayed value either using the [set] button in reference mode, or to request transmission from peripheral equipment if connected.

Data requests from peripheral equipment are possible by extinguishing the LED of the connector for 140 msec, or by sending any character from the peripheral equipment. See operating manual of optical connector for details.

VII.2 Inserting the OPTO-RS connector

Check that the connector is the right way round by means of the polarizing slot. Neither the instrument nor the connector can be damaged if the connector is inserted the wrong way round.