








OPERATION

Setting the display

In normal operation, the keys are used as follows:

- Press  to toggle the display and keypad on and off.
- Press  to toggle the display between  inches and  millimetres.
- Press  to toggle the A50 between  absolute and  incremental mode.










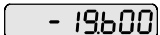

Absolute mode

In this mode, the A50 will display the position relative to an fixed datum.

Incremental mode

In this mode, the A50 can be used to display each position relative to the last position. This is also known as *point-to-point* use.

Setting the datum

- *To zero the display at the current position:*
press . All readings will now be relative to this zero point.
- *To set the display to a known fixed point:*
Press, for example,       to enter the value . All readings will now be relative to this fixed point.
- If you make a mistake while entering a number, pressing  will clear the entry one character at a time.

NOTES



toggling the display off doesn't turn the power off - as long as the power supply is plugged in, all settings are preserved, and the position is updated.

tip

At the beginning of each working session, set the datum in **absolute** mode, then switch the A50 to **incremental** mode.

By using the A50 in this way, you will be able to return the machine to its absolute datum at any time, by simply switching back to **absolute** mode.



If you are using **segmented error compensation**, see page 10 for details of the datum setting procedure.