

Model: EDR-12



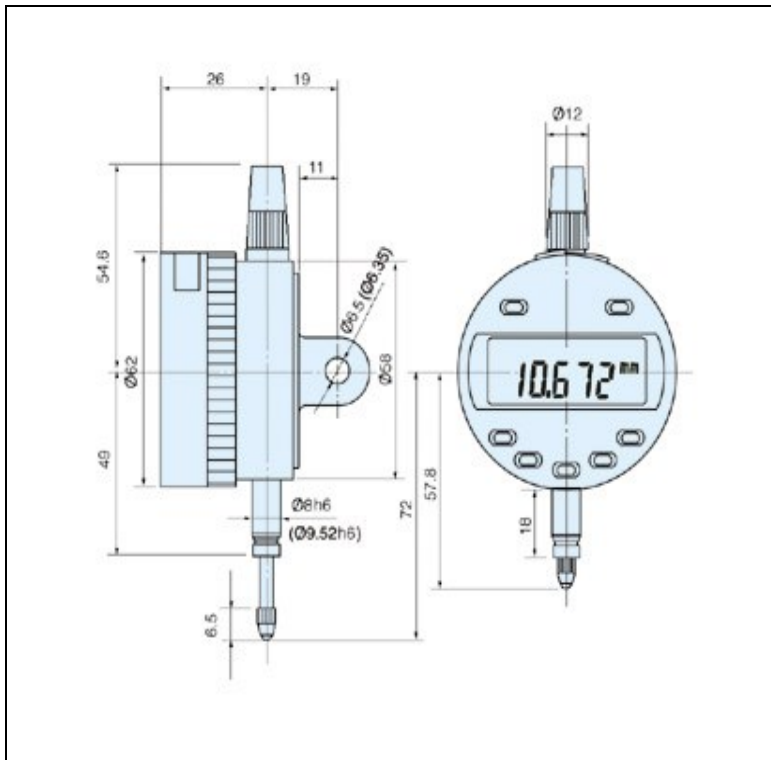
Large clear LCD display  
 Rotatable indicator face: 330°  
 Range: 12.5mm / 0.5"  
 Resolution: 0,01mm / 0.0005"  
 Accuracy: 0.02mm  
 Stem diameter 8mm  
 Fitted with centre-lug back plate

Button Functions:

In/mm	Inch/Metric selection
ABS	Absolute/Relative measuring modes
ZERO/ON	ON/OFF plus Zero setting
RANGE	Range/Run-Out (max / min values)
DIR	Changes, Plus/Minus direction
SET	Sets programmed measuring data
TOL	Tolerance setting

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
EDR-12	Electronic Multi-Function Digital Indicator	300	85	65	145



Dimensions:

A mm	B mm	C mm	D mm	E mm	F mm
62	26	19	11	6.5 dia.	58 dia.

G mm	H mm	J mm	K mm	L mm	M mm
8 h6	6.5	40	54.6	57.8	18

Technical Specification:

Power	1.5V SR-44 Silver Oxide Cell
Max. Speed	0.6mm/sec - 2.36"/sec
Measuring Force	1.5N

## Electronic Multi-Function Digital Indicator with Rotating Face

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## Instructions:

## Absolute and Relative Setting

Turn the indicator on by pressing the ZERO/ON/OFF button.

Press the in/mm button to select either Inch or Metric reading

The indicator will indicate zero and be in the ABS mode. Absolute measurements will be indicated by an upward movement of the spindle.

Relative measuring mode: Follow instructions above, and then press the ABS button to display INC in the display. Move the spindle to the desired position and press the ZERO/ON/OFF button for less than 2 seconds which will set the Relative measuring datum.

Pressing the ABS button will interchange between the original set positions for ABS and INC modes

Press the DIR button to change the indicated direction of measurement for an upward movement of the spindle to either + or -

## Tolerance Setting

In ABS mode Press TOL button to display all zeros and tolerance up sign ▲ with S sign blinking

Press and hold TOL button until + sign flashes. Release button

Press and release TOL button to change + to – if required, press and release again to return to +

Press and hold TOL button until the first digit flashes. Release button.

Press and release SET button once to change displayed digit by 1, repeat process until the required digit is displayed

Press and hold TOL button until the second digit flashes. Release button

Press and release TOL button once to change displayed digit by 1, repeat process until the required digit is displayed

Repeat above process until all digits have been programmed

Once the final digit has been programmed hold the TOL button down and release when the “S” flashes in the display

Press the TOL button to store the programmed digits

When the upper tolerance has been set, press and release the TOL button

Display will show tolerance down sign ▼ with S sign blinking

Repeat setting method as above for upper tolerance

When using the instrument in this mode the display will indicate the measured value as follows

OK displayed when measurement is within tolerance

▲ displayed when measurement is above tolerance

▼ displayed when measurement is below tolerance

To delete tolerance setting press TOL button and the indicator returns to ABS mode

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## Range Setting: (TIR)

This function will work in either ABS or INC mode

Position the indicator spindle on the work piece to be checked

Press ZERO/ON/OFF button to zero the display


Press RANGE button and the display will indicate  to confirm it is in Range mode

Move the component the desired amount.

Pressing RANGE button will display following information

First displays: ▲  Max reading

Second displays: ▼  Min reading

Third displays: ▲ ▼  Max – Min reading = Total Indicator Reading (TIR)

Fourth displays: Current indicator position

To exit RANGE mode press ZERO/ON/OFF button

## Pre-Setting Size

In ABS mode, press the SET button once, “S” will flash in the display

Press and hold SET button until + sign flashes. Release button

Press and release SET button to change + to – if required, press and release again to return to +

Press and hold SET button until the first digit flashes. Release button.

Press and release SET button once to change displayed digit by 1, repeat process until desired digit is displayed

Press and hold SET button until the second digit flashes. Release button

Press and release SET button once to change displayed digit by 1, repeat process until desired digit is displayed

Repeat above process until all digits have been programmed

Once the final digit has been programmed hold the SET button down and release when the “S” flashes

Press the SET button to store the programmed digits

To cancel the stored set size, repeat the above process to re-program each digit to Zero