

Code EDI-13



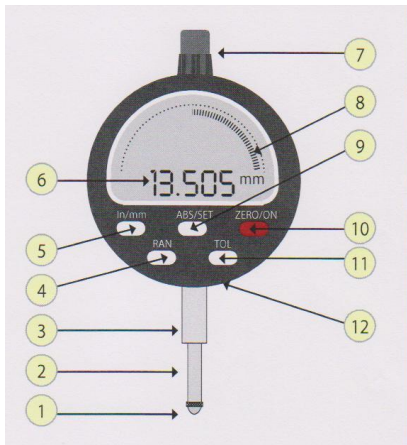
Large clear LCD display
 Digital Fan for Run-Out viewing
 Range: 0 – 12.7mm / 0 – 0.5”
 Digit Resolution: 0.002mm / 0.00005”
 Fan range: ± 0.250mm/0.025”
 Accuracy: 0.015mm / 0.00064”
 Display rotates 360°
 Stem diameter 8mm
 Fitted with Flat Back Plate
 Additional Centre-Lug Back supplied with Indicator

Button Functions:

UNIT	Inch/Metric selection
ABS/SET	Absolute/Relative measuring modes
ZERO/ON	ON/OFF plus Zero setting
RAN	Range/Run-Out (max / min values)
TOL	Tolerance setting

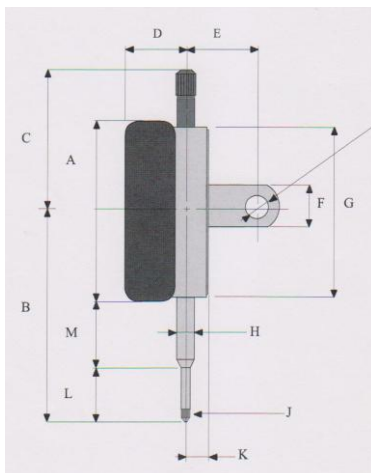
Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
EDI-13	Electronic Multi-Function Digital Indicator	300	85	65	145



Parts List

1	Contact Point (M2.5 thread)
2	Spindle
3	Stem
4	RAN Button
5	in/mm Button
6	LCD Display
7	Spindle Top Cover
8	Digital Fan
9	ABS/SET Button
10	ZERO/ON Button
11	TOL Button
12	Battery Compartment



Dimensions:

A	B	C	D	E	F
mm	mm	mm	mm	mm	mm
62	70	50	26	20	17

G	H	J	K	L	M
mm	mm	mm	mm	mm	mm
58	8	M2.5	7	24	18

Technical Specification:

Power	1 x 3V CR2032 Lithium Cell
Max. Speed	0.6mm/sec - 2.36”/sec
Measuring Force	1.5N

Electronic Digital Multi-Function Indicator with Fan

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Operating Instructions:

Press ZERO/ON button to turn the indicator on

Absolute Size Setting:

Press ABS/SET button (for 1 second and release) the display will show "ABS", "SET" (flashing) and "+"

Press ABS/SET button (for 2 second and release) "+" sign will start flashing

Press ABS/SET button (press and release) will change "+" to "-", press and release again will change back to "+"

Press ABS/SET button (for 2 second and release) first digit will flash

Press ABS/SET button (press and release) will advance the digit by one, repeat until the required digit is displayed

Press ABS/SET button (for 2 second and release) the next digit will flash

Repeat instructions as above until the last digit has been set and is still flashing

Press ABS/SET button (for 2 second and release) "SET" will flash

Press ABS/SET button (press and release immediately) "SET" will disappear and the size is set in the indicators memory

Press ABS/SET button (press and release) will change display between Relative and Absolute modes

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

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

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OPERATING CARE

Clean measuring faces with dry soft cloth

Keep away from strong magnetic fields

Prevent ingress of oil / liquids into electronics

Remove battery if instrument is not used for a long period of time

Do not disassemble or drop the instrument

Do not mark instrument by engraving, etching or any other permanent marking method, as this will invalidate the warranty

FAULT FINDING

Fault	Cause	Action
Display flashes	Low battery power	Replace battery
Display frozen	Circuit overload	Remove battery and replace after 4 minutes
Accuracy below specification but within +/- 0.1mm	Dirt in sensor	Remove slider cover assembly, clean face of sensor with dry clean compressed air (5kg/cm ²)
No display	Poor battery contact	Remove battery and carefully adjust battery contacts, replace battery.
	Dead battery	Replace battery.