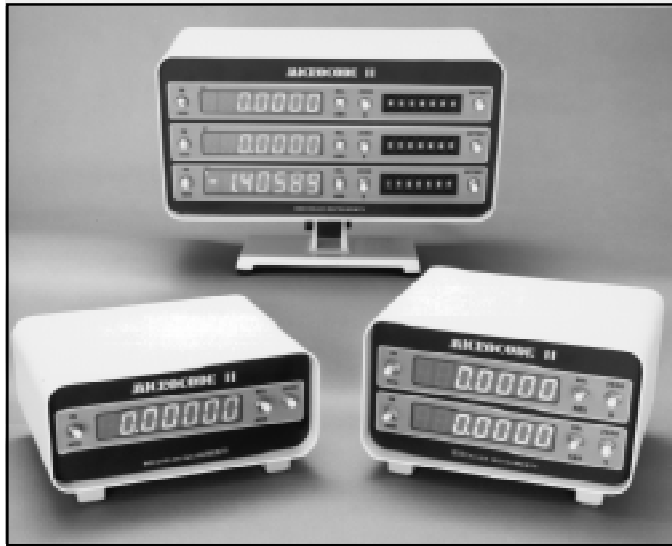


# Digital Readouts



Shown left, 1-M, 2-M and 3-MOT digital readouts. Click on the image for a larger view.

## APPLICATIONS

A Boeckeler® digital readout can be used to display measurement or positioning information from the following devices:

- Digital positioner and micrometer heads.
- Digital dial indicators.
- Digital linear gages.
- Digital filar eyepieces (requires readout with scaler).
- Linear measuring systems.

## DESCRIPTION

The Microcode II® digital readout is a state-of-the-art microprocessor with. Available in one, two, and three axis versions with a variety of additional options, the Microcode II can be tailored to your application.

## FEATURES

Boeckeler's digital dial indicators offer many advantages over conventional dial indicators, such as:

- Inch or metric readings selectable at any time.
- A relative or absolute zero switch which allows a temporary zero without losing an absolute zero reference.
- A zero reset.
- The direction of the count (plus/minus) sign can be reversed.
- Optional RS-232 output to computer or printer.
- An RS-232 averaging option.
- A scaler option which permits the use of a scale factor (required with digital filar systems).
- Min/Max/Diff option for measuring "out of roundness."
- Offset option for adding the dimensions of gage rods and blocks.
- Optional output to Mitutoyo(TM) SPC products.
- Dual voltage option for 115/220 volt power supply.
- Tilting base option.
- CE Mark.

## COMMON CONFIGURATIONS

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Model/Config.	Description
1-M	one-axis digital readout without options
1-MD	one-axis digital readout with dual voltage
1-MR	one-axis digital readout with RS-232 output
1-MS	one-axis digital readout with scaler (required with digital filar systems)
1-MOR	one-axis digital readout with offset and RS-232 output
1-MSR	one-axis digital readout with scaler and RS-232 output
2-M	two-axis digital readout without options
2-MR	two-axis digital readout with RS-232 output
2-MO	two-axis digital readout with offset
2-MOR	two-axis digital readout with offset and RS-232 output
3-M	three-axis digital readout without options
3-MR	three-axis digital readout with RS-232 output
3-MOR	three-axis digital readout with offset and RS-232 output

## SPECIFICATIONS

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<b>Inputs</b>	Encoders with TTL quadrature square wave output as standard.
<b>Error Messages</b>	Power failure and overflow.
<b>Display</b>	Full six decades of seven segment LED's readable to 20' at 120 degrees.
<b>Resolution</b>	To .000 1 mm or .000 010 in. Optional resolution to .000 005 in.
<b>Approx. Dimensions</b>	Up to 7.5" (H) x 10" (D) x 5" (W).
<b>Approx. Weight</b>	Up to 6 lbs.
<b>Warranty</b>	1 year parts and labor

### Your Boeckeler Dealer:



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