



**ADR10-3M** - Milling



**ADR10-2M** Milling



**ADR10-2L** Lathe

**SPECIAL FEATURES**

- 2 or 3 Axis Measuring
- Inch/Metric Conversion
- ABS/INC Function (Absolute/Incremental Interchange Operation)
- Find Mechanic Zero Position
- Radius / Diameter Readings
- Zero Reset / Data Preset
- 1/2 - find the center on selected axis
- Recall the last coordinate positions.
- Linear Error Compensation
- Segmented Error Compensation
- Pause/Sleep Mode
- Memory Back-up
- Set scale directions
- Scientific calculator function
- Store 99 sets of datum points
- Simple ARC (R) Function for arc or radius machining
- Bolt Hole Circle (Pitch Circle Diameter) - 5 simple steps to get the co-ordinates for all the holes equally spaced out on the pitch circle
- Lathe Function
- Shrink Function
- Electrical Discharge Machining Depth Control

**APPLICATIONS :**

The ADR series has been designed for users requiring either two or three axes. The compact range of ADR Readouts are constructed in a die-cast casing with a clear, easy to read LED digital display. The ADR Readouts controls offers a host of features. The ADR Readouts are mainly used in lathes, milling machines, shrink machines, sheet metal working machines, grinding machines, erosion machines, machining centers etc. with optic or magnetic linear encoder scales ( e.g. ATEK ALS Series or ATEK MLS Series)



ALS Optical Scales



MLS Magnetic Scales and Reader Sensors

**ADR TECHNICAL SPECIFICATIONS**

<b>Number of axis</b>	2 or 3 axis
<b>Resolution</b>	0.001 mm, 0.005 mm , 0.010 mm
<b>Display Function</b>	8 Digit LED Display; green color
<b>Response Speed</b>	60 m (198.6 feet) / min
<b>Power supply</b>	AC 93-250 V , 30 VA, 50-60 Hz
<b>Dimensions</b>	10.25" x 7.0" x 2.0"/3.0" (260 x 180 x 50/75 mm)
<b>Connections</b>	D-sub (9 pin)
<b>Inputs</b>	Encoders with TTL quadrature square wave output as standard
<b>Quantizing error</b>	±1 counts
<b>Operating temperature range</b>	0 to +40 ° C
<b>Storage temperature range</b>	-20 to +70 ° C

**ORDER SPECIFICATIONS**

**Model No**

ADR10 - 2 M = for Milling, Bohwerk and etc  
ADR10 - 3 M = for Milling, Bohwerk and etc

ADR10 - 2 L = for Lathe  
ADR10 - 3 L = for Lathe

2 Series = Two Axis  
3 Series = Three Axis