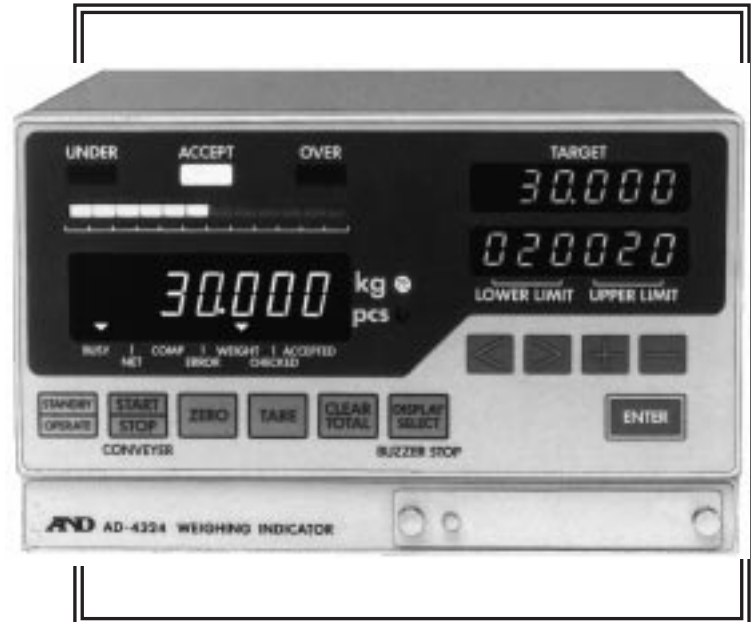


# AD-4324

## *Check Weighing Indicator*

*With versatile, integrated, pre-programmed check-weighing system software*



### *Features*

- Four easy-to-use check comparison modes are available using the AD-4324's built-in software system
- Adaptable to all environments
- Over/under LED bar shows where the weight of an object falls within the acceptance range
- Weight, Piece and Accumulated Piece count can be displayed at the touch of button
- Comparator function with buzzer allows simple check weighing with audible alarms
- Standard Current Loop for output to an external printer or computer
- Full Digital Calibration eliminates the need to continuously load and unload calibration weights for setting Zero and Span

## AD-4324 Specifications

<b>Load Cell Excitation</b>	12V DC $\pm 5\%$ 280mA, Remote Sensing, Overload Protection, can be connected to eight 350 $\Omega$ load cells
<b>Maximum Input</b>	36mV
<b>ZERO Adjustment Range</b>	0.35mV to 24mV (FDC)
<b>Input Sensitivity</b>	0.6 $\mu$ V/D or greater
<b>Span Adjustment</b>	FDC method
<b>Non-Linearity</b>	0.01% of full scale
<b>Temperature Coefficient</b>	Zero $\pm(0.2\mu\text{V} + 0.0008\%$ of dead load)/ $^{\circ}\text{C}$ (typical) Span $\pm 0.0008\%$ / $^{\circ}\text{C}$ (typical)
<b>Input Impedance</b>	$\pm 10\text{M}\Omega$ or above
<b>Input Noise</b>	$\pm 0.3\mu\text{V}$ Vp-p or less
<b>A/D Conversion Method</b>	3 phase, true integrating dual-slope type
<b>A/D Resolution</b>	96,000 counts maximum
<b>A/D Conversion Rate</b>	Approx. 70 times/second
<b>Main Weight Display</b>	7 segment, 7 digit cobalt blue VFD display, 13mm character size
<b>Max. Display Resolution</b>	1/10,000
<b>Overload Blanking</b>	Maximum capacity plus 9 divisions
<b>Sampling Speed</b>	Approximately 70 times/sec.
<b>Zero Tracking</b>	Programmable, from 0.5D per second to 4.5D per two seconds
<b>Power (factory preset)</b>	100, 117, 200, 220 or 240V AC, +10%, -15%, approximately 0.2A, 50/60Hz
<b>Operating Temperature Range</b>	-5 $^{\circ}\text{C}$ ~ +40 $^{\circ}\text{C}$ (+23 $^{\circ}\text{F}$ ~ 103 $^{\circ}\text{F}$ )
<b>Storage Temperature</b>	-15 $^{\circ}\text{C}$ ~ 70 $^{\circ}\text{C}$ (-5 $^{\circ}\text{F}$ ~ 158 $^{\circ}\text{F}$ )
<b>Maximum Humidity</b>	85% (non-condensing)
<b>Weight</b>	Approx. 3.5 kg (8.9 lbs)
<b>Dimensions</b>	218(W) x 142.6(H) x 221(D) mm 8.58(W) x 5.6(WH) x 8.7(D) inches

†Specifications are subject to change for improvement without notice

## Options

- **OP-01**.....BCD output
- **OP-02**.....Relay output
- **OP-04**.....RS-232C interface
- **OP-05**.....Indicator stand
- **OP-06**.....Panel mounting fixture
- **OP-10**.....Printer mounting kit



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