

# AD-4326A/B

## Weighing Indicator

**High  
Performance  
Indicators that  
are Easy to Use  
and Affordable**



### Select from two models:

The AD-4326A & AD-4326B set new standards for outstanding performance, ease of use and advanced design. These new indicators offer up to 1/10,000 counts of resolution, an attractive design that may be placed on the desk, or mounted on a column or wall. .

### AD-4326A Features

The AD-4326A is the basic model , designed for ease of use and lower cost performance and includes:

- Mode Selection: kg, g, t, pcs, and +/- comparator.
- Zero: ..... Sets zero point
- Tare: ..... Sets tare value
- Net/Gross:.....Switches between Net and Gross weights
- Sample: .....Determines the number of samples selected in Counting Mode
- Print Enter: .....Outputs data to a peripheral device such as a printer

### AD-4326B Features

The AD-4326B offers all of the features of the AD-4326A, and incorporates a 10 key-pad to allow keyboard entry of Tare, Hi / Lo Comparator values and other operational data.

### General Features

- Up to 1/10,000 displayed count resolution
- Full Digital Calibration (FDC)
- Mounts on column, stand, desktop or wall
- Comparator output to remote display, buzzer or optional relays
- Selectable counting sample size: 5, 10, 20, 50 or 100
- Power: Battery and AC adaptor standard
- Auto Power Off in battery mode
- Powers up to 6 load cells at 350Ω
- Optional bi-directional RS-232C, RS-232C/Relay, Current Loop
- Meets or exceeds OIML Class III specifications
- EMI / RFI protected

# AD-4326A/B Specifications

ANALOG INPUT & A/D CONVERSION	
Input Sensitivity	0.2µV/d (Minimum)
Input Signal Range	-1mV ~ +15mV
Load Cell Excitation	5V DC ±5%
Load Cell Drive Capacity	Up to 6 load cells at 350Ω / loadcell (Max. 90mA)
Zero Temperature Coefficient	± (0.2µV + 0.0008% of dead load) / °C (typical)
Span Temperature Coefficient	8ppm/°C of reading (typical)
Non-linearity	0.01% of full scale
Input Noise	±0.2µVp-p
Input Impedance	10MΩ (Minimum)
A/D Conversion Method	Integrating dual-slope type
A/D Resolution	40,000 counts (Maximum)
A/D Conversion Rate	Approximately 5 times / second
DIGITAL SECTION	
Weight Display	5 1/2 digits, 22mm / 0.87" (H) LCD
Comparator Display	(+ OK -) LCD
Display Resolution	10,000 counts (Maximum)
Minimum Division	Times x 1, x2, x5, x10, x20, x50
Maximum Display	199980
Under ZERO Indication	"-" minus display
Annunciators	ZERO, MD, PRESET TARE, GROSS, NET, NOT WEIGHT, OVER TARGET, UNDER, g, kg, lb, t, pcs
Keys	ON/OFF, MODE, ZERO, TARE, NET/GROSS, SAMPLE, PRINT, "B" version includes 10 key numeric pad with preset tare and over / under
GENERAL	
Power	6 x UM2 / "C" size batteries or AC Adaptor
Net Weight	Approx. 750g / 1.7 lb (excluding batteries)
Battery Life (single loadcell)	Approx. 160 hours with alkaline type cells / 25 hours with NiCd battery pack
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-10°C ~ 70°C (14°F ~ 158°F)
Physical Dimensions	240(W) x 156(D) x 83(H) mm/ 9.45(W) x 6.14(D) x 3.27(H) inches
Standard Accessories	Manual, AC Adaptor, Load Cell Connector

† Specifications are subject to change for improvement without notice

## Options

- **OP-03**.....Serial Interface: RS-232 (/Input/Output)
- **OP-04**.....Serial Interface: RS-232C/Comparator Relay Out
- **OP-05**.....Serial Interface: 20mA Current Loop  
..... (Passive Output only)

- **OP-11**.....Wall Mounting Kit

## Accessories

- **AD-1681**.....Rechargeable NiCd Battery Pack
- **AD-8121**.....Multi-Function Printer



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