

AD-4327A/B

Weighing Indicator

Designed for Harsh

• Environments:

Washdown Safe

• (IP-65/NEMA4)

Weighing, Counting & Comparator



Select from two models:

The AD-4327A & AD-4327B are designed for use in harsh environments. With their battery operation they can also be used in areas that experience power outages or have no power at all, such as plantations, remote agricultural packing operations and in dockside fish buying operations.

AD-4327A Features

The AD-4327A 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-4327B Features

The AD-4327B offers all of the features of the AD-4327A, and incorporates a 10 keypad to allow keyboard entry of Tare, Hi / Lo Comparator values and other operational data.

General Features

- Up to 1/10,000 displayed counts
- Full Digital Calibration (FDC)
- Mounts on column, stand, desktop or wall
- Built-in comparator buzzer
- 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-4327A/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 (maximum)
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	LED (Green / Red / Yellow)
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. 1,860g / 4.1 lb (excluding batteries)
Battery Life	Approx. 160 hours with alkaline type cells driving a load cell
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-10°C ~ 70°C (14°F ~ 158°F)
Physical Dimensions	280(W) x 160(D) x 130(H) mm/ 11.0(W) x 6.30(D) x 5.12(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-232C/Input/Output
- **OP-04**.....Serial Interface: RS-232C/Comparator Relay Out
- **OP-05**.....Serial Interface: 20mA Current Loop (Passive Output only)

Accessories

- **AX-WM-B31784**..Display Stand
- **AD-8121**.....Multi-Function Printer

 <p>A&D MERCURY PTY. LTD. ACN 007 556 809 Head Office 32 Dew Street THEBARTON South Australia 5031 Telephone (08) 8352 3033 Facsimile (08) 8352 7409</p>	<p>Email: sales@andmercury.com.au Internet page: http://www.andmercury.com.au</p>	<p>Your Dealer</p>
	<p>Victorian Office Unit 4 Cnr. Arden & Lloyd Streets KENSINGTON Victoria 3031 Telephone (03) 9372 1522 Facsimile (03) 9372 1193</p>	