

# AD-4322 MKII

weighing indicator

## High Performance Weighing Indicator with Memory and Total Computer Control

The AD-4322 MKII offers a wide range of advanced functions. A high display resolution of 1/20,000, Memory +, -, ID Code and many other functions make the AD-4322 the ideal choice for Bench, Floor, Checkweighing and Weigh-In/Out Systems.

### Tare Memory / Code Memory

Up to 50 tare values may be assigned ID numbers (8 digits) and stored in the Tare Memory. In addition, the AD-4322 can store up to 100 eight digit codes, each containing Tare Weight Value, Low Limit Setpoint, High Limit Setpoint and Code Total.

### Comparator Function

Displays "Under, Accept and Over" prominently on the indicator display, alerting the operator of the in/out-of-tolerance status of the package being weighed.

### Advanced Connectivity

RS-232C Interface Option, Built-in Printer Option, Digital Clock/Date Option, Digital Filtering.

### Digital Linearization

The AD-4322 MKII has 3 point digital calibration to improve overall linearity, assuring maximum system accuracy.

### Gravity Compensation

Ensures accurate weighing when your scale is shipped from one location to another.

### Truck Scale Mode

Use for standard truck weighing or in/out weighing. Enter the tare weight of preloaded trucks or recall previously entered tare weights and accumulated code totals from the 100 number Code Memory.



### Standard



### Options



- High Display Resolution of 1/20,000
- Full Digital Calibration
- M+/M-/Total Function
- Code Memory, ID/Tare Function
- Fast Sample Rate 16 times per second
- 10-key pad for entry of numerical data
- Clearly marked Annunciators
- Dual Display
- Digital Filtration – Four levels of selectable Stability Filtration.
- Legal for Trade NTEP Approval



**AND**  
A&D WEIGHING  
...Clearly a Better Value

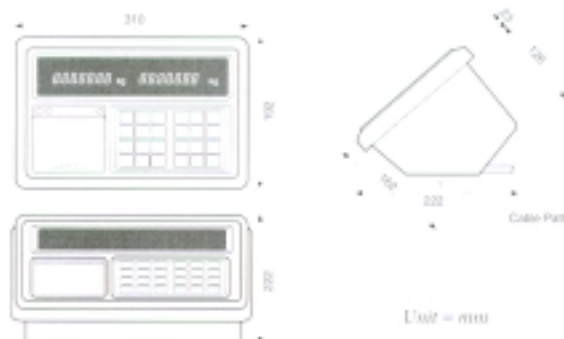
# AD-4322 MKII

## Specifications:

Analog Input and A/D Conversion		Digital Section	General		
Load Cell Excitation	12V DC $\pm$ 5%, 280mA (up to 8 load cells at 350 /load cell)	Weight Display	13mm, 7 digits, High intensity blue fluorescent	Power	120 V AC $\pm$ 10%/ $\pm$ 15% 50/60Hz
Zero Adjustment Range	-6mV - +30mV	Tare Display	13mm, 8 digits High intensity blue fluorescent	Memory Battery Backup	Lithium, over 6 years without AC power
Input Sensitivity	0.6 $\mu$ V/D or greater	Display Resolution	20,000 counts (maximum)	Operating Temperature	-10°C - 40°C
Non-Linearity	$\pm$ 0.01% of full scale	Under ZERO Indication	"-" minus sign	Storage Temperature	-15°C - 85°C
Temperature Coefficient	Zero $\pm$ (0.2 $\mu$ V + 0.0008% of dead load)/°C Span 8ppm/°C of reading	Annunciators	Centre of Zero, Motion detection, Net/Gross, Tare Entered, kg, lb (lb or kg version), t (kg or t version)	Operating Humidity	Less than 85% RH (Non-Condensing)
Input Impedance	10M $\Omega$ minimum	Switches	Standby/Operate, Zero, Tare Net/Gross, Print/Code, D/Tare, Clear, Enter, M+, M-, Total, Feed	Net Weight	Approximately 3.5kg
Input Noise	$\pm$ 0.3 $\mu$ Vp-p	Minimum Division	X1, X2, X5, X10, X20, X50	Physical Dimensions	310(W) x 149(D) x 192(H) mm
Conversion Method	3 phase, true integrating dual-slope type	Maximum Display	"999950"	Panel Cutout Dimensions	294 $\pm$ 1.0(-0)(W) x 174 $\pm$ 0.5(-0)(H) mm
A/D Resolution	330,000 counts (maximum)			Standard Accessories	Manual, Fuse, Capacity Sticker, Serial Connector, Load Cell Connector
A/D Conversion Rate	Approximately 16 times /second				

## The AD-4322 MKII... Meeting the Demands of Today's Weighing Market

### Dimensions:



### Features:

- Digital Linearization
- Comparator Function
- Tare/Code Memory
- 2 Weight Displays
- Gravity Compensation
- Full Digital Calibration
- Checkweigh Mode
- 12 Key Function Selection

### AD-8118B Basic Printer

This quiet and speedy Universal dot matrix printer has a full range of statistical functions. Built-in timer/clock/calendar functions for detailed printouts and timed interval printing. Charting selectable to show change in weight, interval time, etc. Battery or AC adaptor operation. Accepts RS-232C or Current Loop output



### Options:

- AD-4322-01 ..... Parallel BCD Output
- AD-4322-01A ..... BCD Output TTL Level (Board Mod.)
- AD-4322-02 ..... External I/O
- AD-4322-04 ..... RS-232C Interface
- AD-4322-07 ..... Analog Output (4-20mA)
- AD-4322-08 ..... Built in printer with feed, 24 digit/line
- AD-4322-09 ..... Digital Clock for Option AD-4322-08
- AD-4322-10 ..... Panel mounting kit
- AD-4322-11 ..... Wall mounting kit

### AD-1131 Universal Printer

- Basic printing functions
- Clear impact dot matrix print
- Accepts RS-232C input from A&D's scales, balances or indicators
- Selectable Language Print
- Internal rechargeable battery or AC Operation (both included)



Your Authorized A&D Distributor:

**AD**  
A&D WEIGHING  
...Clearly a Better Value



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