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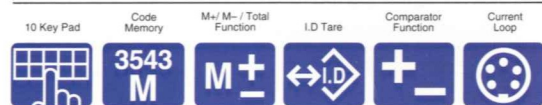Ensures accurate weighing when your scale is shipped from one location to another.

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.
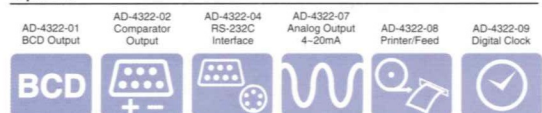
IP-65

Standard

10 Key Pad	Code Memory	M+/ M– / Total Function	I.D Tare	Comparator Function	Current Loop

Options

AD-4322-01 BCD Output	AD-4322-02 Comparator Output	AD-4322-04 RS-232C Interface	AD-4322-07 Analog Output 4~20mA	AD-4322-08 Printer/Feed	AD-4322-09 Digital Clock

- **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**
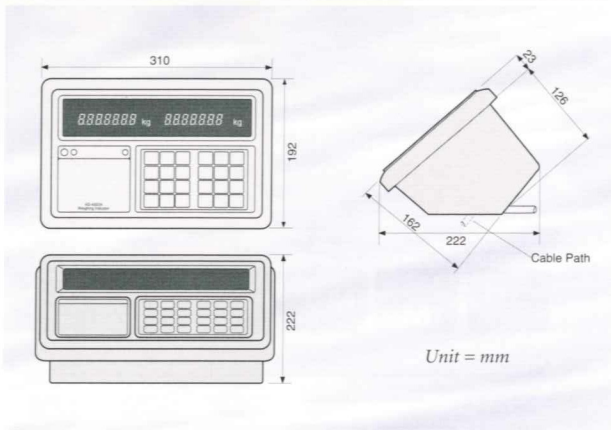
A&D WEIGHING
…Clearly a Better Value

AD-4322 MKII

Specifications:

Analog Input and A/D Conversion		Digital Section		General	
Load Cell Excitation	12V DC ±5%, 280mA (up to 8 load cells at 350 /load cell)	Weight Display	13mm, 7 digits, High intensity blue fluorescent	Power	120 V AC+10%/ −15% 50/60Hz
Zero Adjustment Range	−6mV ~ +30mV	Tare Display	11mm, 8 digits High intensity blue fluorescent	Memory Battery Backup	Lithium, over 6 years without AC power
Input Sensitivity	0.6μ V/D or greater	Display Resolution	20,000 counts (maximum)	Operating Temperature	−10°C ~ 40°C
Non-Linearity	±0.01% of full scale	Under ZERO Indication	"−" minus sign	Storage Temperature	−15°C ~ 85°C
Temperature Coefficient	Zero ± (0.2μV + 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	10MΩ minimum			Net Weight	Approximately 3.5kg
Input Noise	±0.3μ Vp-p	Switches	Standby/Operate, Zero, Tare Net/Gross, Print,Code,ID/Tare, Clear, Enter, M+, M-, Total, Feed	Physical Dimensions	310(W) x 149(D) x 192(H) mm
Conversion Method	3 phase, true integrating dual-slope type			Panel Cutout Dimensions	294+1.0/−0(W) x 174+0.5/−0(H) mm
A/D Resolution	330,000 counts (maximum)	Minimum Division	X1, X2, X5, X10, X20, X50	Standard Accessories	Manual, Fuse, Capacity Sticker,Serial Connector, Load Cell Connector
A/D Conversion Rate	Approximately 16 times /second	Maximum Display	"999950"		

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

Dimensions:

310
192
222
222
23
126
162
222
Cable Path

Unit = mm

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)

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

ISO 9000 CERTIFIED

A&D WEIGHING
1555 McCandless Dr.
Milpitas, CA 95035, U.S.A.
www.and1.com

800   800-726-3364
Tel: (1) 408 263 5333
Fax: (1) 408 263 0119
E-mail   value@and1.com

Specifications may be changed for improvement without notice.

LIT:4322-2K-797