

# Compact Printer

## AD-8121B



*Built for Electronic Balances, Counting Balances,  
Platform Scales & Weighing Indicators.  
Prints charts and offers a full range of Statistical  
Functions on either AC or battery power.*



**AND**  
A&D Company, Limited  
[www.aandd.co.jp](http://www.aandd.co.jp)

*... Clearly a Better Value*

# Compact Printer

## AD-8121B

### Features

- A wealth of functions, including: Interval printing function, Statistical function, Calendar clock function and Chart print function
- Impact dot matrix printer for superior readability and long term durability
- A full range of statistical functions: Weight data, Total weight data, Counting data, Total counting data, Number of operations, Standard Deviation, Coefficient of Variant, Chart, Year, Month, Date, Hour, Minute and Second
- Changeable to dump mode while using statistical function without deletion of statistical function data
- Buffer memory of up to approximately 30 sets of data
- Interval printing with built-in Timer/Clock function: 5s, 10s, 30s, 1m, 5m, 10m, 30m
- Chart selectable to show change in weight, interval time, start time and stop time
- Compact size and light weight
- AC power supply and battery operation permits use anywhere
- 24-hour clock, calendar and pre-set functions(date and time) are stored in non-volatile memory (protected by a lithium battery)
- Accepts RS-232C and current loop input from A&D's Electronic Balances, Scales and Indicators
- Speedy printing

### Specifications

Printer type ————— Dot impact type  
Character size ————— 5×7 dot, 2.5mm high, 16 characters/line  
Printing speed ————— Approximately 1 line/second  
Speed of paper feed ——— Approximately 1 line/second  
Print head life ————— About 500,000 lines  
Print paper ————— AX-PP143 (paper width 45mm, length 50m, diameter when rolled 65mm)  
Interface ————— RS-232C interface or current loop (2400bps)  
Power sources ————— AC adapter (provided as standard), or 4XAA alkaline batteries (battery life approximately 7000 lines)  
Dimensions ————— 180(W) × 160(D) × 80.5(H) mm  
Weight ————— About 400g (without print paper or batteries)  
Standard accessories — User manual, AC adapter, RS-232C connection cable (AX-KO-256A), print paper cover, printer paper axis, AA alkaline batteries (4)

### Options

Current Loop Cable

### Accessories (charged separately)

AX-PP143-S ————— Print paper (10 rolls)  
AX-ERC-05-S ————— Ink ribbon (5)  
AX-SW-128 ————— Foot switch  
AX-KO980-S100 ——— External input plug (necessary for foot switch connection)

[Note] When ordering this device, remember to specify whether RS-232C interface or a current loop cable will be used for connection and output.

### Printing Examples

#### Selectable printing modes

```
DATE 2004/03/17
TIME 10:00:21
WT 4032.58 g
DATE 2004/03/17
TIME 10:00:37
WT 4036.27 g
DATE 2004/03/17
TIME 10:01:46
WT 4029.15 g

DATE 2004/03/17
QT 8251 PC
DATE 2004/03/17
QT 7600 PC
DATE 2004/03/17
QT 12389 PC

TIME 13:10:25
WT 98.23 %
TIME 13:11:43
WT 100.45 %
TIME 13:14:37
WT 99.56 %
```

```
DATE 2004/03/17
TIME 15:00:00

ST,+00731.91 g
ST,+00814.62 g
ST,+05816.55 g
ST,+00000.00 g
ST,-00234.56 g

WT 32.69 g
WT 814.69 g
WT 5816.55 g
WT 0.00 g
WT -439.68 g

No. 34
WT +5836.94 g
No. 35
WT +5816.55 g
No. 36
WT +5746.28 g
No. 37
WT +5721.61 g
```

#### Statistical Printing

```
No. 7 10:47:29
WT 9877.14 g
No. 8 10:47:36
WT 9876.98 g
No. 9 10:47:43
WT 9876.95 g
No. 10 10:47:50
WT 9877.17 g
No. 11 10:47:56
WT 9877.15 g

DATE 2004/03/17

N 11
TOTAL 108647.66 g
MAX 9877.48 g
MIN 9876.64 g
X 9977.06 g
σ 0.235 g
CV 0.01 %
R 0.84 g
```

#### Interval Printing

```
*INTERVAL TIME*
5 SEC.

TIME 13:30:18
WT 9876.84 g
TIME 13:30:23
WT 9876.92 g
TIME 13:30:28
WT 9877.25 g
TIME 13:30:33
WT 9877.00 g
TIME 13:30:38
WT 9876.90 g
TIME 13:30:43
WT 9876.59 g
TIME 13:30:48
WT 9876.96 g
TIME 13:30:53
WT 9877.19 g
TIME 13:30:58
WT 9877.33 g
*INTERVAL OFF*
```

#### Chart Printing

```
*INTERVAL TIME*
5 SEC.

DATE 2004/03/17
START 10:30:54
WT 2033.05 g
^^

00h00m
00h04m

STOP 10:35:47
WT 2033.57 g
^^
```

# A&D

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Specifications are subject to change for improvement without notice.