![SHIMADZU logo] **SHIMADZU**

Excellence in Science

Printers for Shimadzu Balances

EP-110/EP-100

Enhanced Support for ISO/GLP

EP-110

☑OLED Dot Matrix Display
☑Protect Date Setting by Password
☑Various Modes Expand Utility

EP-100

☑Built-In Clock
☑Affordably Priced

Features

1 Built-In Clock

Enables printing time and date information even with a balance that doesn't have a clock function.

2 Enhanced Support for ISO/GLP

EP-100 can output time/signature information. In addition to this information, EP-110 can output other information based on your demands together with measured values. See a sample on the next page for details.

3 OLED Dot Matrix Display (EP-110 only)

Offers easy-to-read, brightly illuminated OLED display.

[Display Examples]

4 Automatically Set

Automatically sets the appropriate communication with a balance. An operator doesn't have to worry about its setting.
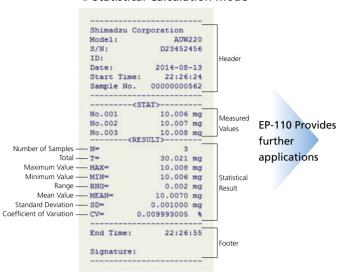
Printout Samples

● Normal Mode

```
---------------------------
Shimadzu Corporation
Model:          AUW220
S/N:            D23452456
ID:
Date:           2014-08-13
Start Time:     22:23:51
Sample No.      00000000560
---------------------------
No.001          10.000 mg
No.002          10.001 mg
No.003          10.002 mg
---------------------------
End Time:       22:23:58

Signature:
---------------------------
```

*Operator can choose
items to print out.

● Statistical Calculation Mode

```
---------------------------
Shimadzu Corporation
Model:          AUW220
S/N:            D23452456
ID:
Date:           2014-08-13
Start Time:     22:26:24
Sample No.      00000000562
---------------------------
--------<STAT>---------
No.001          10.006 mg
No.002          10.007 mg
No.003          10.008 mg
-------<RESULT>--------
N=              3
T=              30.021 mg
MAX=            10.008 mg
MIN=            10.006 mg
RNG=            0.002 mg
MEAN=           10.0070 mg
SD=             0.001000 mg
CV=             0.009993005  %
---------------------------
End Time:       22:26:55

Signature:
---------------------------
```

Header

Measured Values

Statistical Result

Footer

Number of Samples — N=
Total — T=
Maximum Value — MAX=
Minimum Value — MIN=
Range — RNG=
Mean Value — MEAN=
Standard Deviation — SD=
Coefficient of Variation — CV=

EP-110 Provides further applications

- ● Pipette calibration
  Calibrate capacity of pipette and flask
- ● User-defined calculation
  Operator can set coefficients
  (handy for converting result to local unit)
- ● Tare/Net/Gross weight printing
  Print out Tare/Net/Gross weight separately
- ● SUM mode
  Print out the total values of samples
- ● Averaging mode
  Print out the average of samples
- ● Formulation mode
  Print out each sample's weight independently
  when blending samples
- ● Comparator mode
  Print out result whether weight of
  sample is within target range
- ● Interval printing mode
  Print out current weight at a regular interval

Specifications

● Compatible Balance Models:
AU, AT, UW/UX, TW/TX, TXB, BW-K/BX-K, ELB, AW/AX/AY series, MOC63u

Model	EP-100	EP-110
Display	—	OLED 128 × 64 Dot Matrix Display
Protected Date Setting	—	Prevents unintended changes of time and date setting.
Printing	Method : 8-pin reciprocating impact dot matrix Speed : Approx. 1.7 lines/sec. Printer head life : 1 million lines Character size : Approx. W1.7 mm × H2.6 mm	
Interface	RS-232 DB9	
Power Supply	AC adapter : Input 100 to 240 V AC, 50/60 Hz; Output 12 V DC /1500 mA Power consumption : 8 W (while printing) Standby power : 0.5 W (when not printing)	
Installation Environment	Temperature 5 to 45 °C, humidity 10 to 80 % No condensation	

Maintenance Parts

Item Name	Specifications
Recording Paper (10 rolls)	W57 × dia. 50 mm, Standard paper
Labeling Paper (10 rolls)	W57 × dia. 50 mm, Labeling paper
Ink Ribbon (5 pcs)	Black print (ERC-22, long-life type)
AC Adapter	12 V/1.5 A
Connection Cable	DB9 Female - DIN8-262 Male, 1.2 m in length

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