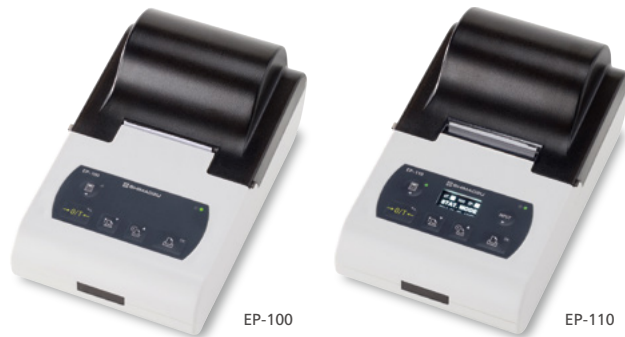


Enhanced Support for ISO/GLP/GMP

EP-100/EP-110

Product 

- Built-In clock
- Customized printing
- Easy communication settings



Compatible Balance Models

AP, AU, AT-R, AT, UP, UW/UX, TX, TXB, BX/BW-K, BL, and ELB series, and MOC63u moisture analyzers.

Note: The automatic setting function cannot be used with models that do not include the PRINT key, such as ELB series balances and MOC63u moisture analyzers.

Specifications

Model Name	EP-100	EP-110
Display		OLED 128 x 64 Dot Matrix Display Easy-to-understand fluorescent dot matrix display
Protected Date Setting		Password protectable (six-character)
Printing	Paper for printing: Regular paper (does not fade with age) Method: 8-pin reciprocating impact dot matrix Speed: Approx. 1.7 lines/sec. Printer head life: 1 million lines Character size: Approx. W1.7 x H2.6 mm	
Interface	USB B-Type female, RS-232 (D-sub 9-pin male)	
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)	
Battery		1500 to 2500 mAh capacity rechargeable nickel-metal hydride (NiMH) batteries can be used (four AA cells). Note: Dry cell batteries cannot be used.
Installation Environment	Temperature: 5 to 45 °C; Humidity: 10 to 80 % No condensation	

Printout Samples

	Normal Mode	Statistical Calculation Mode
Manufacturer Information	Shimadzu Corporation	Shimadzu Corporation
Device Name	Model: AP225W	Model: AP225W
Serial No.	S/N: 000000000	S/N: 000000000
Sample Name (ID)	Device ID: 0000	Device ID: 0000
Date	Date: 2022/12/28	Date: 2022/12/28
Measurement Start Time	Start Time: 13:52:52	Start Time: 15:33:35
Measurement Values	001: 100.00029g 002: 100.00036g 003: 100.00037g	001: 100.00035g 002: 100.00032g 003: 100.00032g
Measurement End Time	End Time: 13:53:04	
Signature Field	Signature:	

Output Items

Item	Symbol	Remarks
Title (Header)		Manufacturer information, device name, serial number (S/N), date, and measurement start time
Number of samples	N	
Total value	T	
Maximum value	MAX	
Minimum value	MIN	
Range	RNG	= MAX - MIN
Mean value	MEAN	= T / N
Standard deviation	SD	$\sqrt{\sum(X_i - \text{MEAN})^2 / (N-1)}$
Coefficient of variation	CV	(SD / MEAN x 100)%
Data suffix (footer)		Measurement end time and signature field

Maintenance Parts

Description
Recording Paper
Labeling Paper Rolls
Ink Ribbon
AC Adapter
Connection Cable

Features unique to EP-110

- Supports GLP/GMP using password protection-based date/time alternation prevention
- Enhanced visibility for OLED display
- Powered by rechargeable batteries