

New Printer



NEW PRINTER EP100/110

New Printer

- **Feature...**

- Internal Clock
- Printing format
- Statistical function
- Various function (EP110 only)
- Dotmatrix display (EP110 only)



New Printer

- Standard format

```
-----  
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:  
-----
```

Header

Footer

For GLP/GMP requirement

- Statistical function

```
-----  
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

Statistical function part

Footer

New Printer

- TARE/NET/GROSS weight (EP110 only)

```

-----
Shimadzu Corporation
Model:          AUW220
S/N:           D23452456
Date:          2014/12/31
Start Time:    22:43:15
Sample No.     00000001054
-----
Tare:          100.00 g
Gross:         110.00 g
Net:           10.00 g
-----
Date:          2014/12/31
End Time:      22:43:48

Signature:
-----
    
```

- Pipette calibration (EP110 only)

```

-----
MFG.:          SHIMADZU CORP.
Model:         AUW220D
S/N:           D450011907
Date:          2015/02/05
Start Time:    18:20:59
Sample No.     00000000046
-----
Temperature('C): 15.0
K(t):          1.004213

Calibrate Point: 10 ml
                11.99319 g
001:           12.04372 ml
E:             20.43720 %

Conclusion:

-----
Date:          2015/02/05
End Time:      18:25:57

Inspector:

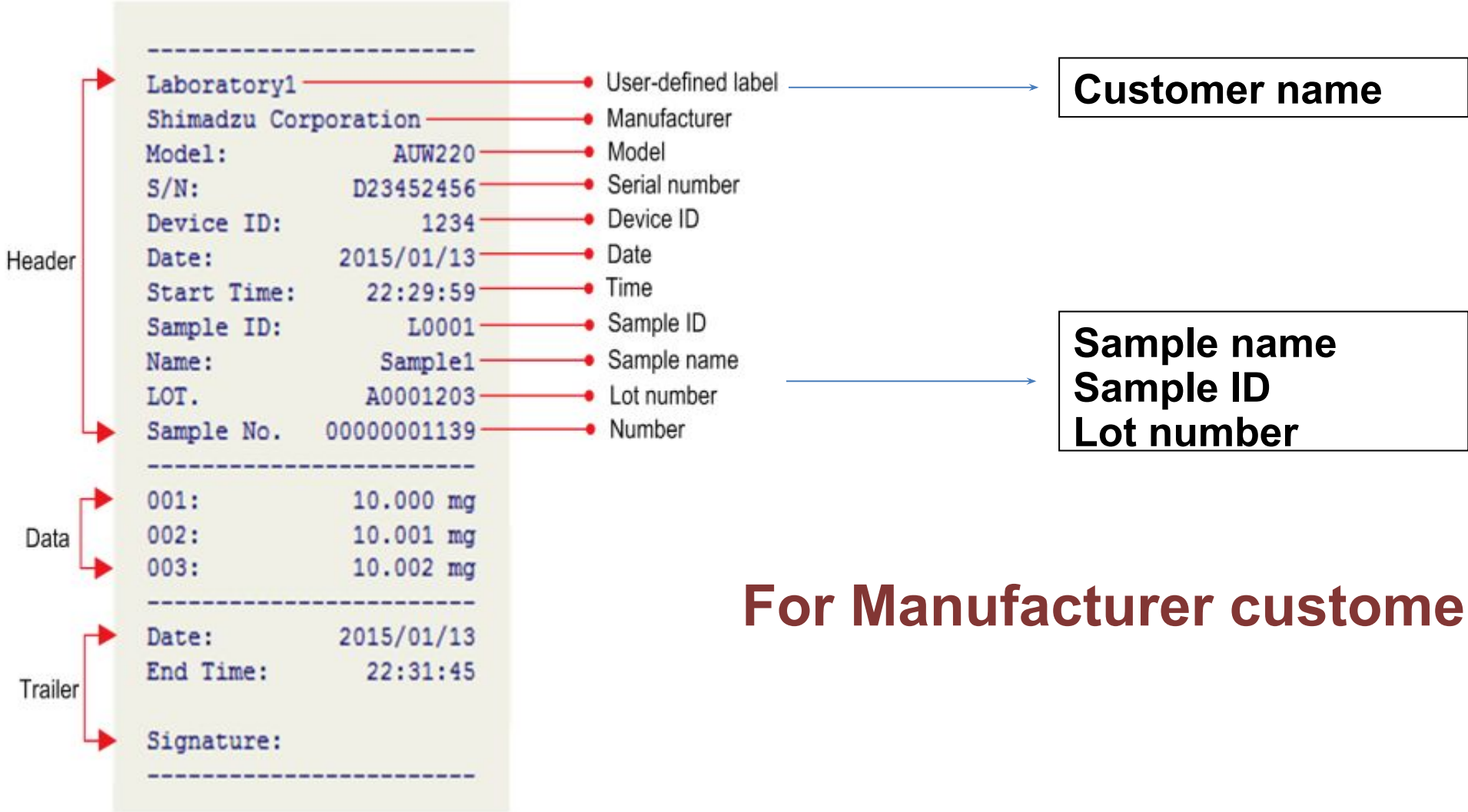
Auditor:
-----
    
```

Pipette calibration part

For Manufacturers customer

4. New Printer

- **User define format (EP110 only)**







For Manufacturer customer

4. New Printer

● Printer Function

	EP-100	EP-110
Function	Date and time printing	
	Statistical calculation	
	Automatically set	
	Signature	
	-	Pipette calibration
	-	Tare/Net/Gross weight printing
	-	SUM mode
	-	Averaging mode
	-	Formulation mode
	-	Comparator mode
	-	Interval printing mode
	-	User define calculation
	-	Drycell battery operation
	-	Title
	-	Customer name
	-	Sample names /ID
-	Lot number	

Comparison of EP80,90,100 & 110

Spec proposal for serial communication printer				
Model	New serial communication printer EP-100	New serial communication printer EP-110	Existing printer EP-80	Existing printer EP-90
				
Estimated Selling Price in Japan (JPY)	USD 630	USD 825	USD 630	USD 825
Type	Dot impact	Dot impact	Dot impact	Dot impact
Print Speed	1.7 lines/sec	1.7 lines/sec	2.7 lines/sec	2.7 lines/sec
Characters per Line	24 or 40	24 or 40	24	24
Character Size (W x H)	1.7mm x 2.6mm	1.7mm x 2.6mm	1.7mm x 2.6mm	1.7mm x 2.6mm
Paper	Normal Paper 57.5mm x φ50mm	Normal Paper 57.5mm x φ50mm	Normal Paper 57.5mm x φ60mm	Normal Paper 57.5mm x φ60mm
Lifetime *1	1 million characters	1 million lines	1.5 million lines	1.5 million lines
LCD	×	○	×	×
Inner Clock *2	○	○	×	×
Statistic Calculation Mode	○	○	×	○
Auto Set *3	○	○	×	×
Auto Print	× *4	○	○	○
Operating Environment	5 to 45°C	5 to 45°C	5 to 40°C	5 to 40°C
Interface	Dsub-9pin (RS-232C serial)	Dsub-9pin (RS-232C serial)	DIN-9pin (TTL)	DIN-9pin (TTL)
Power	12V,1.5A	12V,1.5A	12V,2A	12V,2A
Battery Operation	×	Rechargeable LR6 x 4pcs	LR6 x 6pcs	LR6 x 6pcs
Dimensions	W115 X H88 X D190 mm	W115 X H88 X D190 mm	W154 X H78.5 X D215 mm	W154 X H78.5 X D215 mm
Weight	550 g	550 g	630 g	630 g
*1 Low noise and vibration but shorter lifetime of printer head				
*2 ±10ppm(±26sec/month)				
*3 The function enables a printer to automatically detect communication parameter of a connected balance and adjust its setting properly.				
*4 Possible if a connected balance has auto print function.				