

# Analytical Balances, Top-Loading Balances

## Analytical Balances

### AW/AX/AY Series



**PSC Fully-automatic calibration; PSC (AW only)**  
Calibration is carried out when a temperature change has been detected.

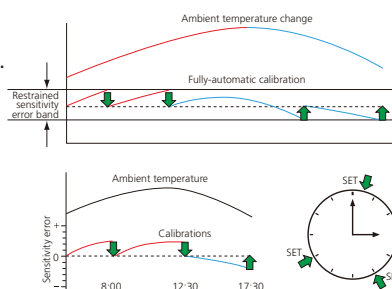
**Clock-CAL function (AW only)**  
Calibration carried out at user-preset times (up to three times a day). Operators can work without unexpected interruptions.

**GLP/GMP/ISO calibration report**  
Meets requirements of GLP/GMP/ISO9000. Calibration reports can be output with date and time, provided by the built-in clock.

**WindowsDirect** (See p. 9)  
Weighed data can be directly typed into any Windows application; no interface software is required.  
If you'd like to use "WindowsDirect" with "Windows 7" "Windows Vista", or a USB port, please contact our distributors.

### Unit conversion

Automatic unit conversion at the push of a button.  
Carat and other units are standard.

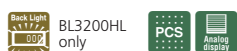


Data transfer port of AW/AX/AY Series

Model	Capacity	Minimum display	Pan size (mm)	Internal calibration	Internal calibration modes	Windows Direct
AW320	320 g	0.1 mg	80 dia	✓	PSC, Clock-CAL, any time with key touch	✓
AW220	220 g	0.1 mg	80 dia	✓	PSC, Clock-CAL, any time with key touch	✓
AW120	120 g	0.1 mg	80 dia	✓	PSC, Clock-CAL, any time with key touch	✓
AX200	200 g	0.1 mg	80 dia	✓	any time with key touch	✓
AX120	120 g	0.1 mg	80 dia	✓	any time with key touch	✓
AY220	220 g	0.1 mg	80 dia			✓
AY120	120 g	0.1 mg	80 dia			✓

## Top-Loading Balances

### BL Series



High-resolution balances made affordable

### Quick response

Very fast response for operator comfort and efficiency.

### Piece counting function

Piece counting function is standard.

### Analog bar graph display

Remaining weighing capacity can be seen at a glance.

### Compact body

This electro-magnetic precision balance is as compact as a portable scale.



Data transfer port of BL Series



Model	Pan type	Capacity	Minimum display	Pan size (mm) approx.
BL220H *	Small-pan	220 g	0.001 g	100×100
BL320H *	Small-pan	320 g	0.001 g	100×100
BL2200H	Large-pan	2200 g	0.01 g	164×124
BL3200H	Large-pan	3200 g	0.01 g	164×124
BL3200HL	Large-pan	3200 g	0.01 g	164×124
BL320S	Small-pan	320 g	0.01 g	100×100
BL620S	Large-pan	620 g	0.01 g	164×124
BL3200S	Large-pan	3200 g	0.1 g	164×124

\*Models with minimum display of 0.001 g come with a standard windbreak.

## Shimadzu Electronic Balances

General Catalog