

ANALYTICAL BALANCE

CAU / CA / CU / CBL / CBX SERIES

CAS Electronic Balances provide high stability, high durability and quick results for the operator. Balances come equipped with a monolithic sensor, which allows the balance to be use in various environments.

- Quick response rate
- Equal distribution of heat with the monolithic sensor
- High durability against shock



CAU



CA



CU



CBL

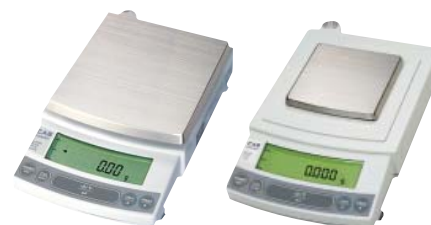


CBX

CAS

CU SERIES

CUW/CUX series | Top-loading balances



▲ Large Pan

▲ Small Pan

FEATURES

- LCD Backlight
- Internal Calibration
- Clock-CAL (CUX)
- Windows Direct
- Perfect self calibration (CUW)

OPTIONS

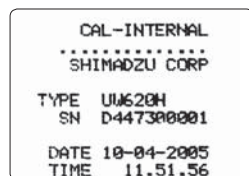
- Battery Charger Pack

Built-in Clock (GLP/GMP/ISO 9000 Conformity)

- GLP/GMP/ISO9000 standard, record calibration with time and date.



Clock display on standby mode



Calibration record paper

Analog bar graph display

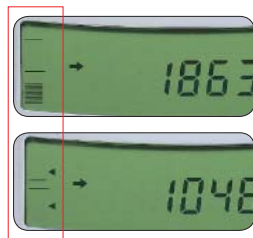
- Analog indication function: The bar graph changes depending on the weight.

FULL RANGE

Total weight can be indicated with a bar graph, and the operator can compare it with the balance capacity.

FULL-IN

Target weight will be displayed, simply pre-set the desired weight.



Check weight (HI/GO/LO)

- By setting the weight range, the display shows 'GO' for a weight within the set range, 'LO' for below and 'HI' for above the range.



CUW



CUX



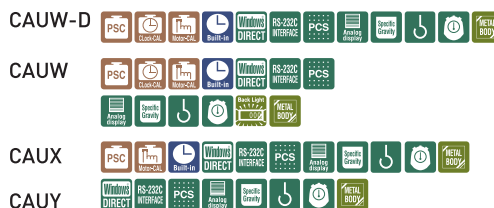
CUW series				
Model	Pan Type	Max. Capacity	Readability	Pan size (mm) approx.
CUW420H*	Small Pan	200g	0.001g	108(W) x 105(D)
CUW420H*		420g		
CUW620H*		620g		
CUW2200H	Large Pan	2200g	0.01g	170(W) x 180(D)
CUW4200H		4200g		
CUW6200H		6200g		
CUW420S	Small Pan	420g	0.01g	108(W) x 105(D)
CUW820S		820g		
CUW4200S	Large Pan	4200g	0.1g	170(W) x 180(D)
CUW8200S		6200g		

CUX series				
Model	Pan Type	Max. Capacity	Readability	Pan size (mm) approx.
CUX220H*	Small Pan	200g	0.001g	108(W) x 105(D)
CUX420H*		420g		
CUX620H*		620g		
CUX2200H	Large Pan	2200g	0.01g	170(W) x 180(D)
CUX4200H		4200g		
CUX6200H		6200g		
CUX420S	Small Pan	420g	0.01g	108(W) x 105(D)
CUX820S		820g		
CUX4200S	Large Pan	4200g	0.1g	170(W) x 180(D)
CUX8200S		6200g		

For products with '*' mark, windbreak is a basic option.

CAU SERIES & CA SERIES

CAUW/CAUX/CAUY series | Analytical balances



CAU series			
Model	Max. Capacity	Readability	Pan size (mm)
CAUW-D	200g / 82g	0.1mg / 0.01mg	ø 80
	120g / 42g	0.1mg / 0.01mg	ø 80
CAUW	320g	0.1mg	ø 80
	220g	0.1mg	ø 80
	120g	0.1mg	ø 80
CAUX	320g	0.1mg	ø 80
	220g	0.1mg	ø 80
	120g	0.1mg	ø 80
CAUY	220g	0.1mg	ø 80
	120g	0.1mg	ø 80

FEATURES

- Windows Direct
- Backlight/Clock-CAL (CAUW)
- Perfect self calibration (CAUW, CAUX)
- Calibration report (CAUW, CAUX)

OPTIONS

- Specific gravity measurement kit
- Ionizer (Static remover "Stable-ex")
- Charging battery pack

CAW/CAX/CAY series | Analytical balances



CA series			
Model	Max. Capacity	Readability	Pan size (mm)
CAW	120g	0.1mg	ø 80
	220g	0.1mg	ø 80
	320g	0.1mg	ø 80
CAX	120g	0.1mg	ø 80
	200g	0.1mg	ø 80
CAY	120g	0.1mg	ø 80
	220g	0.1mg	ø 80

FEATURES

- Unit conversion
- Specific gravity measurement
- Clock-CAL (CAW)
- Perfect self calibration (CAW)
- Windows Direct
- Full digital
- Internal calibration

OPTIONS

- Specific gravity measurement kit
- Charging battery pack

CBX SERIES & CBL SERIES

CBX series | Precision platform balances



CBX series			
Model	Max. Capacity	Readability	Pan size (mm)
CBX12KH	12kg	0.1g	345(W) x 250(D)
CBX12KH	22kg		
CBX12KH	32kg		

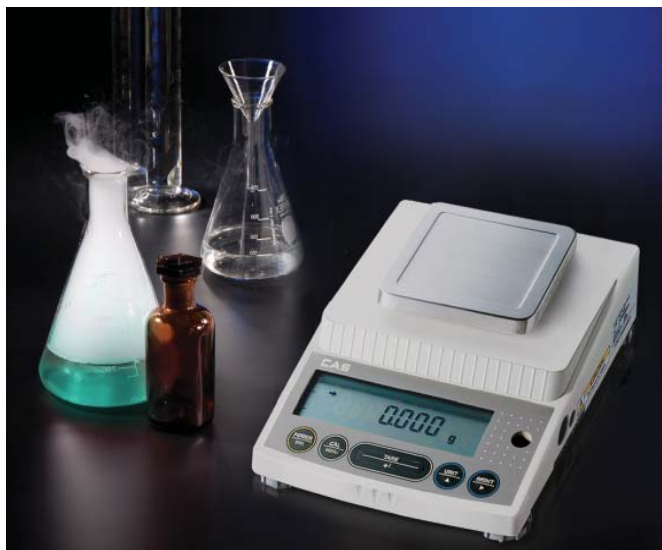
FEATURES

- Windows Direct
- Calibration report
- Check weighing (HI/GO/LO)
- Counting pieces
- Built-in RS-232C interface

OPTIONS

- Specific gravity measurement kit
- Charging battery pack

CBL series | Top-loading balances



CBL series			
Model	Max. Capacity	Readability	Pan size (mm)
CBL220H*	220g	1mg	100(W) x 100(D)
CBL320H*	320g	1mg	100(W) x 100(D)
CBL2200H	2200g	10mg	164(W) x 124(D)
CBL3200H	3200g	10mg	164(W) x 124(D)

FEATURES

- Counting pieces and unit conversion
- Accurate performance and strong durability
- Analog bar graph display

OPTIONS

- Windbreak
- RS-232C interface (IFB-102A)
- Charging battery pack

CBX SERIES & CBL SERIES

Description of Icons



PSC (Perfect Self Calibration)
The balance self-calibrates when it detects temperature changes that would effect accuracy.



Check weighing
Utilized in quality control application.



Clock-CAL
Fully automated feature initiates self-calibration at set time intervals, using motor-driven internal calibration weight



Counting pieces
Piece counting function is a standard feature.



Internal Calibration
Calibration can be performed any time with a simple push-button operation.



Specific Gravity measurement
Software for specific gravity measurement is pre-installed. Simply add optional specific gravity kit for efficient measurements.



One-lever CAL
Single lever operation loads and unloads built-in Calibration weight.



Dry battery operation
Portable for use in the field.



Analog Bar graph display
Allows viewing of remaining capacity



CPPM
Constant Power Pulse width Modulation



Interval Timer output
Data can be automatically output at pre-set time intervals



Full digital



Windows Direct
Weighed result is directly typed at the cursor position of any application on windows OS. No communication software is required.



Built-in Clock
Date and time can be readily supplied by the balance.



Built-in RS-232C interface
RS-232C interface is a standard feature.



All-metal Housing
All metal construction for high durability.









Standard Below-weigh Hook
Measurement beneath the balance is possible.



Backlight
Easy to read in any environment.

Electronic Balance Comparison Table

Model	~ 100g	100g ~	300g ~	500g ~	1kg ~	3kg ~	5kg ~	10kg ~	30kg ~
~ 0.01mg	CAUW-D								
~ 0.1mg		CAUW CAUX CAUY CAX CAY	CAUW CAUX CAW						
~ 0.001g (1mg)		CUW CUX CBL	CUW CUX CBL	CUW CUX					
~ 0.01g (10mg)			CUW CUX	CUW CUW CUX	CUX CBL	CUW CUX CBL	CUW CUX		
~ 0.1g						CUW CUX	CUW CUX	CBX	 CBX

DIMENSIONS

CU / CBX / CBL / CAU / CA series

