

TX<sub>series</sub>

▶ 3200.00<sub>g</sub>

*Clearly visible even in dark places*



TX2202L , TX3202L

Wider applications ranging from smaller to larger objects



TX<sub>series</sub>

▶ 320.000<sub>g</sub>

*Capable of performing delicate jobs*



TX223L , TX323L

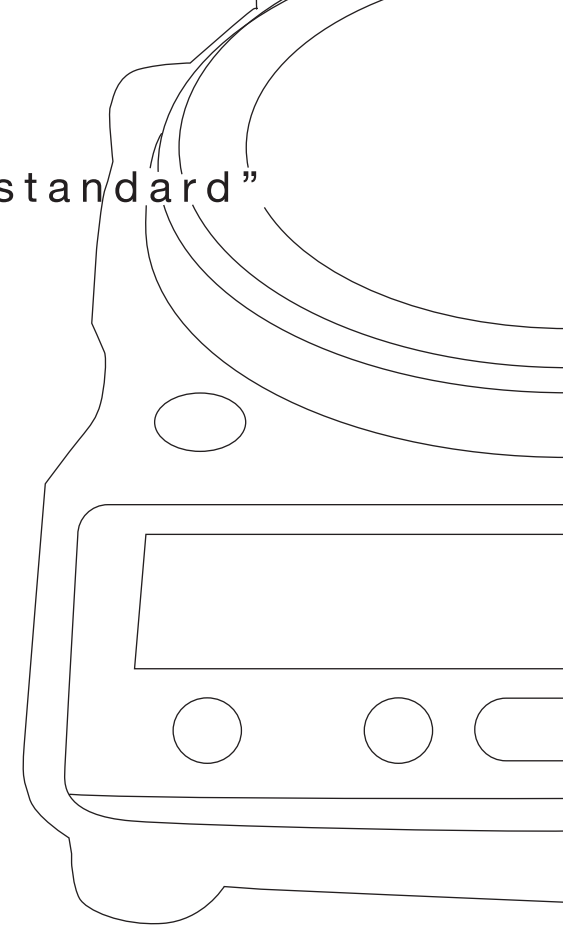
Fitable also in laboratories, friend for delicate jobs



# TX / TXB

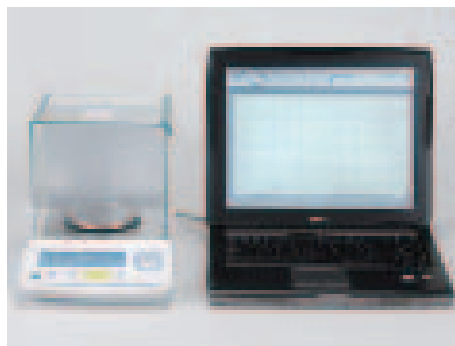
“The beginning of the new standard”

“Look , Touch”



## WindowsDirect Communication Function Only a cable is needed to send weighing data to a computer

Send balance data to Excel or other Windows applications without any data communication software installation required. All you have to add is one RS-232C cable. By combining standard AutoPrint functions with typical spreadsheet functions, even difficult applications can be easily automated.



## Comparator function

Compare samples to target values or pass/fail criteria and clearly indicate the results.

## RS232C interface

All models include standard RS232C interface for easy integration with other devices and computers

## Can be used anywhere with battery power

Power the TXB series balances by AC adapter or batteries. AC adapters are included with all TX and TXB balances.

## Expanded Piece Counting function

Unit weights of up to 5 different samples can be easily entered, stored and recalled for use.



## Streamlined design for anti-theft options

Industry standard Kensington Security Slot accommodates the widest variety of optional anti-theft security devices.

## Change among many weighing units and functions with a single touch

In addition to grams (g), weigh in %, number of pieces, ct, kg, mg, lb, oz, TTI, etc.or a custom conversion total more than 20 unit. Change quickly from display of % or counting to gram weight (g) display.

## Power saving function

When weighing operation ends, power automatically turns off after a fixed or pre-set time.

New

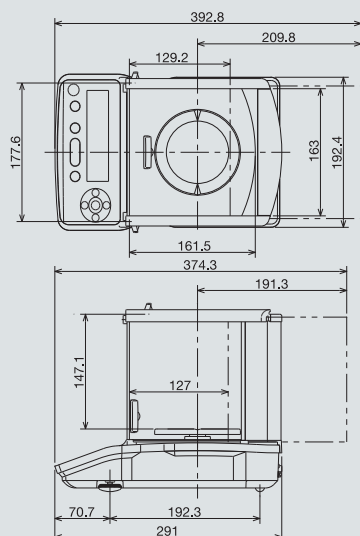
## Easy Setting

### Easy Setting Best fit to weighing application

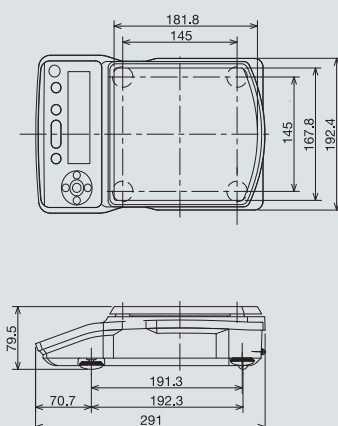
Quickly adjust the desired ratio of stability and response for every application, even during measurement, with one touch operation.



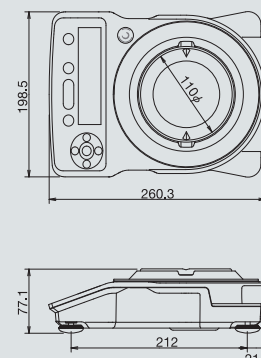
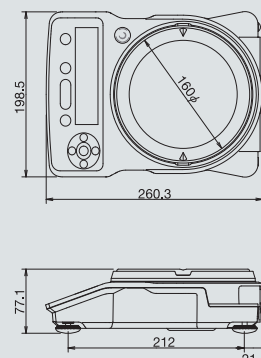
## Physical Dimension



TX series



TXB series



## Specifications TXseries

Model	TX223L	TX323L	TX2202L	TX3202L
Capacity	220g	320g	2200g	3200g
Minimum Display	0.001	0.001	0.01	0.01
Repeatability	0.001g		0.01g	
Linearity	±0.002g		±0.02g	
Operating Ambient Temperature	10～30			
Temperature Coefficient Sensitivity (ppm/C)	±3			
Pan Size (mm) approx. *2	φ110		167 (W)×181 (D)	
Main Body Dimensions (mm) approx.	200 (W)×291 (D)×77 (H)		200 (W)×291 (D)×79.5 (H)	
Weight (kg) approx.	3.8kg		2.8kg	
Power requirement	12V、1A			



Extremely capable, but easy to operate

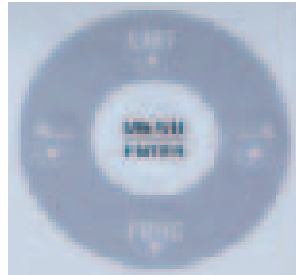


New

### Menu Operation Key

Menu Operation Key  
Easy to operate key layout

Menu navigation keys are separated from weighing operation keys and arranged in a familiar 5-way navigation circle. Up, Down, Right, Left and Enter are the simple steps of menu operation.



ISO and GLP/GMP  
conformance supported

Balance calibration is easy and calibration records can be output to optional printer.

Fast and flexible calibration

Balance display provides prompts for calibration procedure and accepts your choice of external calibration weight. Convention weight of calibration weights can be input for high accuracy.

“Many useful functions included”

Alpha-numeric menu display  
Up-front level indicator on display panel  
Door cleaning is simplified  
Stainless steel pan  
Choice of weighing modes  
Zero tracking function and settings  
Continuous data output function

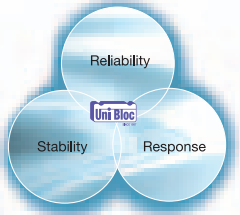
Durable, high performance aluminum alloy  
mass sensor

UniBloc Since 1987

The TX series incorporates a one piece aluminum alloy mass sensor technology (UniBloc) first introduced by Shimadzu for precision balances in 1989. It excels in performance, resists deterioration and damage by ordinary impacts. The UniBloc's compact, uniform structure replaces 70 parts found in a conventional electromagnetic balance sensor assembly and ensures stable temperature characteristics, excellent response time and stable corner-load performance. The UniBloc design permits a consistency of production that assures reliability and a long operational life

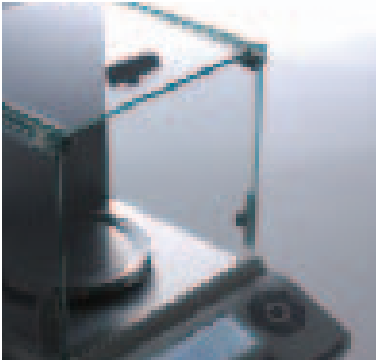


3 keywords created by Uni Block.



Fine measurements are assured  
with sliding glass door windbreak  
system

TX models with 1mg minimum display feature a sliding glass door type windbreak as standard configuration. The highly transparent system includes semi-transparent corners and maximum door opening capability.



Illuminated display provides  
comfortable display  
visibility in all settings.

Liquid crystal indicator with attractive light blue backlight is standard on all models. The TXB series has additional power saving features: the backlight automatically shuts off when idle and lights up again when weighing operations resume.



### TXBseries

Model	TXB222L	TXB422L	TXB622L	TXB2201L	TXB4201L	TXB6201L	TXB621L	TXB6200L
Capacity	220g	420g	620g	2200g	4200g	6200g	620g	6200g
Minimum Display	0.01g			0.1g				1g
Repeatability	0.01g			0.1g				1g
Linearity	±0.01g	±0.02g		±0.1g	±0.2g		±0.1g	±1g
Operating Ambient Temperature	10~30							
Temperature Coefficient Sensitivity (ppm/C)	±15	±10	±5	±15	±10	±5	±20	
Pan Size (mm) *2	φ110			φ160			φ110	φ160
Main Body Dimensions (mm) approx.	198(W)×260(D)×77(H)							
Weight (kg) approx.	1.5kg							
Power requirement	12V 1A or 6AA batteries							

### TX.TXB series options

description	P/N
Printer EP-80	321-62675-01
Printer EP-90	321-62675-11
RS232C cable	321-61967
In use protective cover	321-64523-10 (For TX Large pan model) 321-63827-12 (For TXB series)
In use protective cover for Display	321-64522-10 (For TX Small pan model) 321-63827-11 (For TXB series)
Level Adjuster	321-64540



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# TXB<sub>series</sub>

▶ 6200.0<sub>g</sub>

Taking on weighing tasks everywhere



TXB2201L , TXB4201L , TXB6201L , TXB6200L

Light, strong, additionally power free high quality design



# TXB<sub>series</sub>

▶ 620.00<sub>g</sub>

Reliable partner that creates weighing desires \*\*



TXB222L , TXB422L , TXB622L , TXB621L

Performance to allow quick-anywhere weighing of smaller objects  
 Creates weighing enjoyment.



Shimadzu Electronic Balance

# TXB<sub>series</sub>