

Electronic Balances

TW Series



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Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Вологда (8172)26-41-59
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Екатеринбург (343)384-55-89

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Ярославль (4852)69-52-93

<http://shimadzu.nt-rt.ru/> || szb@nt-rt.ru

TX/TW

series

► 420.000g

Capable of performing delicate jobs



TX223L, TX323L, TX423L, TW223L, TW323L, TW423L

Value with no compromise



TW Series

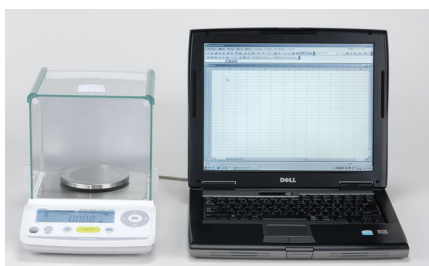
Look, Touch



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

TX / TW
TXB

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. If you'd like to use "WindowsDirect" with "Windows 7", "Windows Vista", or USB port, please contact to our distributors.



Comparator function

TX / TW
TXB

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

RS-232C interface

TX / TW
TXB

All models include standard RS-232C interface for easy integration with other devices and computers.

Expanded Piece Counting function

TX / TW
TXB

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



Power saving function

TX / TW
TXB

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

Fast and flexible calibration

TX / TW
TXB

Balance display provides prompts for the calibration procedure and accepts your choice of external calibration weight.

Many useful functions included

TX / TW
TXB

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

Streamlined design for anti-theft options

TX / TW
TXB

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

TX / TW
TXB

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



Can be used anywhere with battery power

TXB

Power the TXB series balances by AC adapter or batteries.

The beginning of the new standard



New



Easy Setting

Best fit to weighing application TX / TW TXB

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



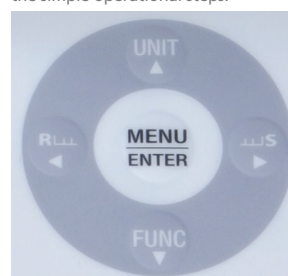
New



Menu Operation Key

Easy-to-operate key layout TX / TW TXB

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 operational steps.



New

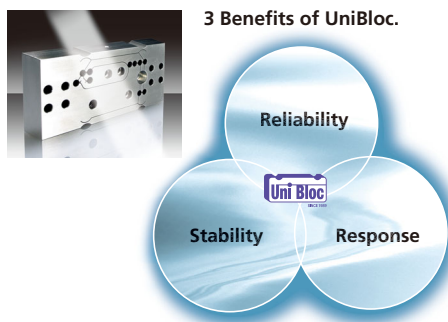
Touch-key Internal Calibration TW

Press just two keys to calibrate the balance whenever calibration is necessary.
Calibration is very fast, taking only 15 sec.

Durable, high-performance aluminum alloy mass sensor UniBloc TX / TW

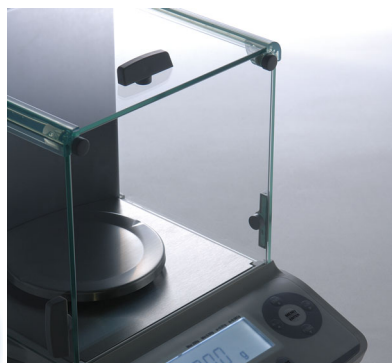
The TX/TW series incorporates a one-piece aluminum alloy mass sensor technology (UniBloc), first introduced by Shimadzu for precision balances in 1989. It excels in performance, and resists deterioration and damage by ordinary impacts. The UniBloc's compact, uniform structure replaces 70 parts found 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 Benefits of UniBloc.



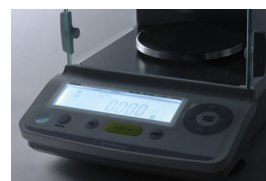
Fine measurements are assured with sliding glass door windbreak system TX / TW

TX/TW 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. TX / TW TXB

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



Specifications

TX/TW series

Model	TX223L / TW223L	TX323L / TW323L	TX423L / TW423L	TX2202L	TX3202L	TX4202L
Capacity	220 g	320 g	420 g	2200 g	3200 g	4200 g
Minimum Display	0.001 g	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g
Repeatability	0.001 g			0.01 g		
Linearity	±0.002 g			±0.02 g		
Operating Ambient Temperature (°C)	5–40					
Temperature Coefficient Sensitivity (ppm/°C) (10–30°C)	±3					
Pan Size (mm) approx.	ø110			167(W) × 181(D)		
Main Body Dimensions (mm) approx.	206(W) × 291(D) × 241(H)			200(W) × 291(D) × 80(H)		
Weight (kg) approx.	TX: 3.8 kg TW: 4.2 kg			2.8 kg		
Power Requirements	12V, 1A					

TX/TXB/TW series options

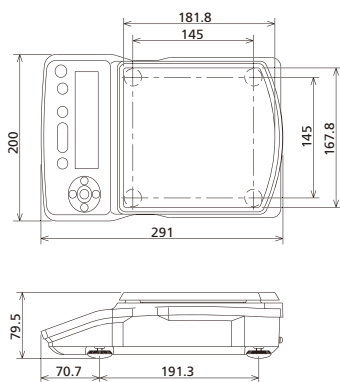
Description
Printer EP-80
Printer EP-90
RS-232C cable
In-use protective cover
In-use protective cover for display

Extremely capable,
but easy to operate

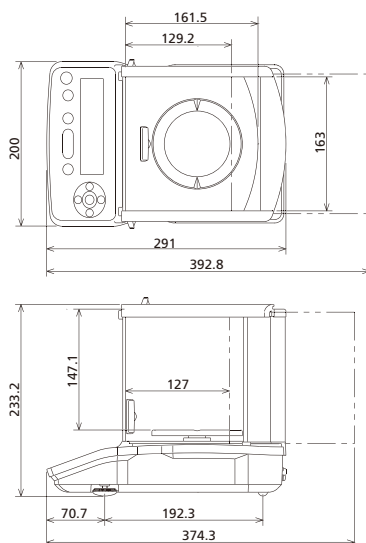


Dimensions

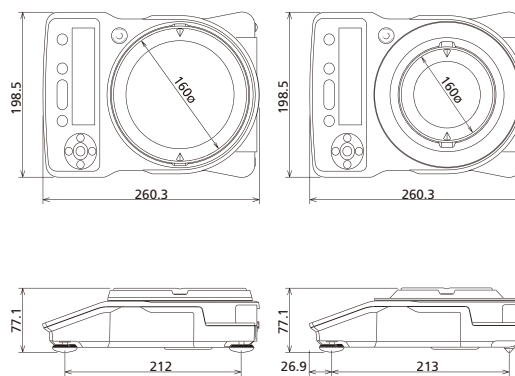
TX series (large pan)



TX/TW series (small pan)



TXB series



Unit: mm

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