



# TSC Series

Touchscreen Scales



TSC Top loaders

***Touch Screen!***

TSC Glass Draft Shield



***Versatility!***

LW Measurements LLC takes pride in producing quality products that are affordable, durable, and most importantly accurate. Visit our website for more information and videos of our products.

[www.lwmeasurements.com](http://www.lwmeasurements.com)



## LW Measurements Tree Brand Touch Screen Series scales. Accuracy and Precision at the tip of your fingers.

Introducing our state-of-the-art touch screen balances, revolutionizing the way you measure and weigh. With advanced touch screen technology and unparalleled accuracy, our balances offer an intuitive and efficient solution for laboratories, research facilities, and industrial applications. Explore how our touch screen balances can elevate your weighing experience. They are produced with top-of-the-line software, hardware, and a variety of max capacities. Multiple models are designed to give you a competitive product at a fair price.



### Top Loading Capacities:

2100g x 0.01g   3100g x 0.01g  
6100g x 0.1g   10,000g x 0.1g



### Glass Shield Capacities:

120g x 0.001g   210g x 0.001g  
310g x 0.001g   1200g x 0.01g



### Removeable Glass Shield



### Low Profile Design

## **Key Features**

**Touch Screen Interface:** Experience effortless operation with an intuitive touch screen interface that simplifies navigation and configuration. **High Precision:** Our balances utilize advanced weighing technology for accurate and consistent results, ensuring reliable data for your applications. **Wide Range of Capacities:** Choose from a diverse range of capacities to meet your specific weighing needs, from small samples to larger loads. **Customizable Units:** Easily switch between units such as grams, kilograms, ounces, and more, adapting to your measurement requirements.

## **Benefits**

**Enhanced Efficiency:** The touch screen interface streamlines the weighing process, reducing manual errors and boosting productivity.

**Accurate Results:** Achieve precise measurements with our advanced load cell technology, promoting reliable data analysis and experimentation.

**Data Management:** Built-in data storage and connectivity options facilitate seamless integration with data management systems.

## **Applications**

**Laboratories:** Ideal for scientific research, quality control, and formulation tasks, ensuring accurate results for critical experiments. **Manufacturing:** Enhance production processes with precise measurements of raw materials and components. **Education:** Provide students with hands-on experience using cutting-edge technology for various weighing applications.

## **Why Choose Us?**

**Quality Assurance:** Our touch screen balances undergo rigorous testing to ensure accuracy and reliability. **Cutting-Edge**

**Technology:** We're committed to providing you with the latest advancements in weighing technology.

**Technical Support:** Our knowledgeable support team is ready to assist with any inquiries and technical details.

**Trusted Performance:** Join laboratories and industries worldwide that rely on our balances for precise weighing.

## Capable and Comprehensive

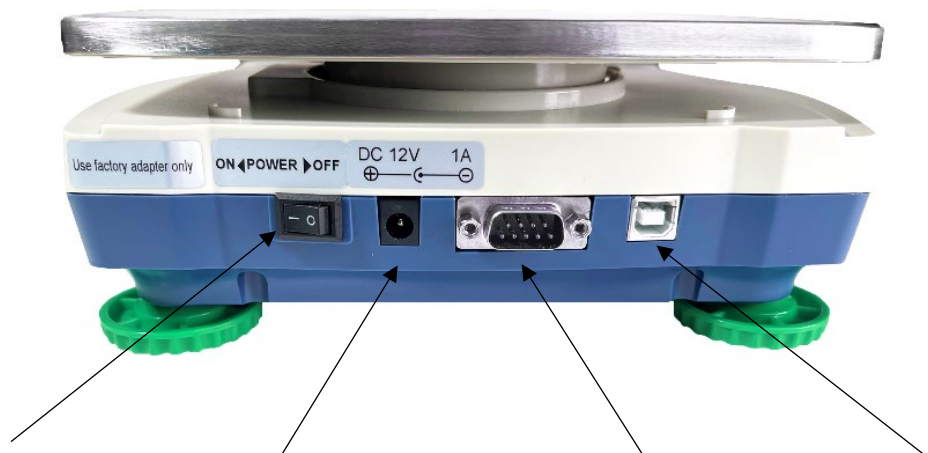
The TSC series is manufactured in two model types. The “Top Loading” model and the “Glass Draft Shield” model. This allows us to offer a broader range of capacities and capabilities. Multi-Functions-Featuring a touch screen LCD display, this high-resolution balance can get clear and precise results in seconds. Units can be converted from g, oz, lb, dwt, ozt, ct, tl.t, tl.h, gn, dr, mm, tola, gsm, tar, tma. This High Precision Balance also features TARE, ZERO, and PRINT keys along with a comprehensive menu feature.



**Stainless Steel Platters and  
1/8” Thick Glass Panels**



**Large LCD Touch Screen  
Display**



**ON / OFF Switch**

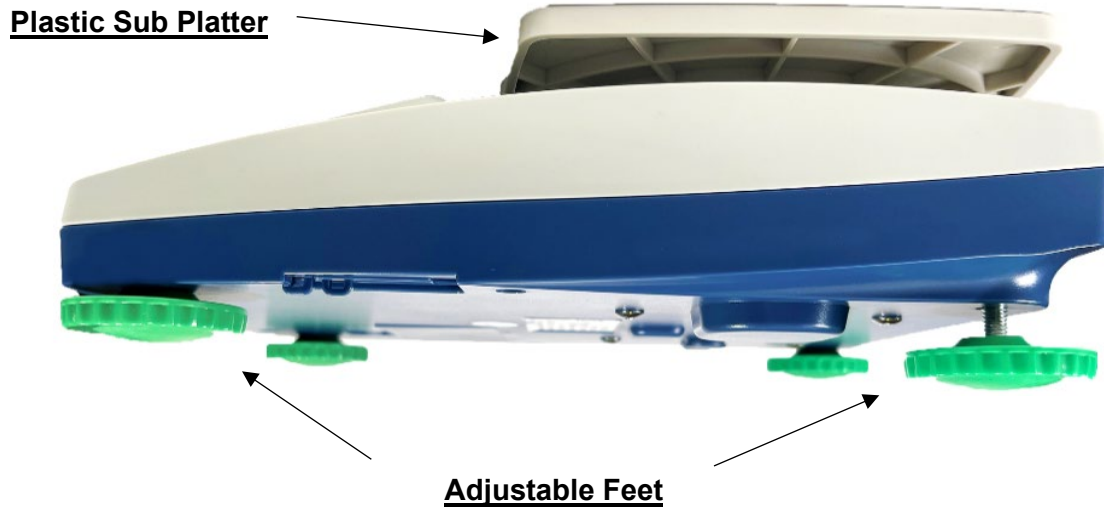
**AC Adapter Port**

**RS232 Port**

**USB-B Port**

## LEVEL = TRUE

Adjustable feet and a leveling bubble ensure consistent weighing. Precision and Accuracy you can trust.



## **Features**

### **TSC Series**

- Large LCD Touch Screen Display
- Top Loading or Glass Draft Shield Models
- Low Profile Design
- Multi-function Menu
- AnyCal Calibration
- Zero Function
- Units: g, oz, lb, dwt, ozt, ct, tl.t, tl.h, gn, dr, mm, tola, gsm, tar, tma
- Density Weighing
- Stainless Steel Platter
- 1/8" thick Glass Panels
- AC adapter or Rechargeable Battery

### **Battery Compartment**



# Specifications



# TSC

## LW MEASUREMENTS

Category	High Resolution Touch Screen Balances							
Model Suffix	123	213	313	1202	2102	3102	6101	10001
Casing	Glass Draft Shield				Top Loading			
Capacity	120g	210g	310g	1200g	2100g	3100g	6100g	10000g
Resolution(g)	0.001g			0.01g			0.1g	
Resolution(oz)	0.00005			0.0005			0.005	
Resolution(lb)	0.000002			0.00002			0.0002	
Resolution(dwt)	0.001			0.01			0.1	
Resolution(ozt)	0.00005			0.0005			0.005	
Resolution(ct)	0.005			0.05			0.5	
Resolution(tl.t)	0.00005			0.0005			0.005	
Resolution(tl.h)	0.00005			0.0005			0.005	
Resolution(tl.J)	0.00005			0.0005			0.005	
Resolution(gn)	0.02			0.2			2	
Resolution(dr)	0.001			0.01			0.1	
Resolution(mm)	0.0005			0.005			0.05	
Resolution(tola)	0.0001			0.001			0.01	
Resolution(gsm)	0.1			1			10	
Resolution(tar)	0.01			0.1			1	
Resolution(tma)	0.01			0.1			1	
Display Divisions	120,000	210,000	310,000	120,000	210,000	310,000	61,000	100,000
Internal Resolutions	16m							
Accuracy	+/-5d			+/-3d		+/-5d		+/-3d
Platter Size(inch)	3.85" Ø			4.52" Ø		7.68 x 5.9		
Draft Shield	Glass				NO			
Scale Dimensions (inch)	8.25 x 10.2 x 5.9				8.25 x 10.2 x 3.15			
LCD Height (inch)	0.4							
Beeper	YES							
Auto Backlight	Yes, Selectable							
Auto Shut Off	Yes, Selectable							
Auto Hold	NO							
Unit Switching	g, oz, lb, dwt, ozt, ct, tlt, tlh, tlj, gn, dr, mm, tola, gsm, T/A/R, T/M/R							
AD Processor	24 bit A/D							
AD Update Speed	5 Hz							
Settling Time	<2s							
Calibration Software	AnyCAL							
No of Keys	touch screen							
Memory	Zero							
Counting Function	YES							
RS232C	YES							
USB	YES							
Battery	7.4V 2200mAh Rechargeable							
AC Adapter	Yes, 12VDC							
Operating environment	0°C - 40°C / 32°F - 104°F (no condensation)							
Standard Accessories	Manual, AC Adapter, Printer cable							
Accessories sold seperately	None							
Shipping Weight (lb)	6.5				5.3			
Pieces per master ctn	4				6			
Units per pallet	96				144			



# LW Measurements LLC

Visit [www.lwmeasurements.com](http://www.lwmeasurements.com) or call us at 1-707-542-2185



# **Warranty**

For Customers within the lower 48 states of the continental United States the products are under warranty against factory defects for a period of two (2) years from the date of shipment.

LW Measurements will pay for freight both ways within the first 30 days of purchase if technical support is required. After 30 days the customer is responsible for shipping the product back to us in the event technical support is needed. Once the product is received, the technical support team will inspect and as necessary repair or replace the scale. LW Measurements will ship the product back to the customer at our expense.

Any new scales returned for warranty must be properly packaged in the original box. If they are not properly packed in the original box, the customer pays for shipping cost. If we determine there is a factory defect, we will pay for the shipping back. If we determine that it is not a factory defect, the customer will pay shipping.

For Customers outside the lower 48 States, including Mexico, Canada, Puerto Rico, Hawaii, Alaska and all other countries, customers must pay for shipping.

Our warranty does not cover misuse or neglect including but not limited to battery or water damage, overloading, and chewed or cut wires. If the product is found to have been misused or damaged by the customer, LW Measurements is not responsible for the cost of return.

For warranty claims please call your customer service representative.