



**ANALYTICAL BALANCE**



# About us

---

**PEAK** Instruments Inc is located in Houston, TX-77084, where our head office and warehouse are also located, which is a high tech enterprise integrated with R&D, production, sales and service of spectrophotometer, pH meter, conductivity meter, dissolved oxygen meter, ion meter and balances, which have wide applications in the following areas like metallurgy, pharmacy, food, health, institutes, biological chemistry, life science, petrochemical industry, quality control, environmental protection, electrochemistry and water quality analysis, etc..

We adopt the newest microcomputer technology and electronic control system, optimize optical system and structure which can both extend new functions and ensure the accuracy, stability and durability. We have full ranges of spectrophotometers like UV, visible, single beam, double beam, adjustable slit, xenon and capacitive touch screen with high resolution(1024\*600) and many kinds of electrochemical & water quality analyzers for options.

We have professional teams of management, R&D, production, QC, sales and technical support, which guarantee good quality products, competitive prices and efficient service for global customers. We have CE and ISO9001 certificates.

We continuously absorb new ideas and technologies to improve our products and services in accordance with the concept of innovation, quality and service. We have steady growth and good reputation in the markets of more than 95 countries, like USA, Canada, Mexico, Argentina, Chile, Italy, Germany, Spain, Poland, Turkey, Russia, India, Indonesia, Pakistan, Korea, Saudi Arabia, Egypt and South Africa.



## Our Promise

Answer customers and provide solutions within 24 hours.



## Our Mission

Provide high quality products and services.



## Our Vision

To be a well-known brand for analytical instruments.

PEAK Instruments look forward to your cooperation.

---

# TATE series

PEAK INSTRUMENTS Electronic Analytical Balance offers a high level of weighing accuracy which is ideally suitable for weighing small as well as large quantities of substance for different laboratory weighing applications. Our balances are ergonomically designed with see-through glass door draft shield to prevent the external factors affecting the reading accuracy.





Aluminium alloy body and stainless steel platform with clear glass wind shield.

Electromagnetic sensor technology.

---



USB interfaces for PC connection (software is optional) and data export.

Built-in ARM32-bit microprocessor makes the instrument run fast and measure with high accuracy.

---



External/Internal calibration and support Bluetooth printer(optional).

---



4.3-inch high resolution TFT capacitive touch screen for much easier operations, display with backlight makes it easier to read under all conditions.

---

# Main Features



Multiple functions like weighing, parts counting, percent weighing, check weighing, animal weighing, density determination(kits optional) and multi weighing units.

---

# Product Parameters

Model	TA205	TA505	TA205C	TA505C
Capacity	20g	50g	20g	50g
Readability	0.00001g	0.00001g	0.00001g	0.00001g
Calibration	External	External	Internal	Internal
Repeatability	0.00001g	0.00001g	0.00001g	0.00001g
Linearity	±0.00002g	±0.00002g	±0.00002g	±0.00002g
Weighing Units	gram, carat, ounce, pound, troy ounce, Newton			
Applications	Weighing, Parts Counting, Percent Weighing, Check Weighing, Animal Weighing, Density Determination(kits optional)			
Stabilization Time	≤4 seconds	≤4 seconds	≤4 seconds	≤4 seconds
Display	4.3 inch capacitive touch screen			
Pan Size	85mm	85mm	85mm	85mm
Assembled Dimensions&N.W.	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG
Shipping Dimensions&G.W.	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG
Communication	USB	USB	USB	USB
Powe Supply	DC12V 1A	DC12V 1A	DC12V 1A	DC12V 1A

# Product Parameters

Model	TA1204	TA2204	TA3004	TA1204C	TA2204C
Capacity	120g	220g	300g	120g	220g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Calibration	External	External	External	Internal	Internal
Repeatability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Linearity	±0.0002g	±0.0002g	±0.0002g	±0.0002g	±0.0002g
Weighing Units	gram, carat, ounce, pound, troy ounce, Newton				
Applications	Weighing, Parts Counting, Percent Weighing, Check Weighing, Animal Weighing, Density Determination(kits optional)				
Stabilization Time	≤4 seconds	≤4 seconds	≤4 seconds	≤4 seconds	≤4 seconds
Display	4.3 inch capacitive touch screen				
Pan Size	85mm	85mm	85mm	85mm	85mm
Assembled Dimensions&N.W.	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG
Shipping Dimensions&G.W.	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG
Communication	USB	USB	USB	USB	USB
Powe Supply	DC12V 1A	DC12V 1A	DC12V 1A	DC12V 1A	DC12V 1A

# Product Parameters

Model	TE3003	TE5003	TE3003C	TE5003C
Capacity	300g	500g	300g	500g
Readability	0.001g	0.001g	0.001g	0.001g
Calibration	External	External	Internal	Internal
Repeatability	0.001g	0.001g	0.001g	0.001g
Linearity	±0.002g	±0.002g	±0.002g	±0.002g
Weighing Units	gram, carat, ounce, pound, troy ounce, Newton			
Applications	Weighing, Parts Counting, Percent Weighing, Check Weighing, Animal Weighing, Density Determination(kits optional)			
Stabilization Time	≤4 seconds	≤4 seconds	≤4 seconds	≤4 seconds
Display	4.3 inch capacitive touch screen			
Pan Size	85mm	130mm	85mm	130mm
Assembled Dimensions&N.W.	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG	360*220*320mm 6KG
Shipping Dimensions&G.W.	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG	520*380*500mm 9.5KG
Communication	USB	USB	USB	USB
Powe Supply	DC12V 1A	DC12V 1A	DC12V 1A	DC12V 1A

## **PEAK INSTRUMENTS**

---

16223 Park Row, Houston, TX-77084, USA.

E-mail: [info@peakii.com](mailto:info@peakii.com)

Website: [www.peakii.com](http://www.peakii.com)

---

NO. 22 Lane 799 Guangfulin Road, Shanghai 201600, China.

Tel./Fax: +86 21 57708098

Email: [frank@peakii.com](mailto:frank@peakii.com)

Website: [www.peakii.com](http://www.peakii.com)