



TRIDENT<sup>®</sup> TECH.

BALANCES

With Class

## LABORATORY & INDUSTRIAL BALANCES



# Semi Micro Balance

TY -SERIES

TY -T SERIES

Calibration : Internal



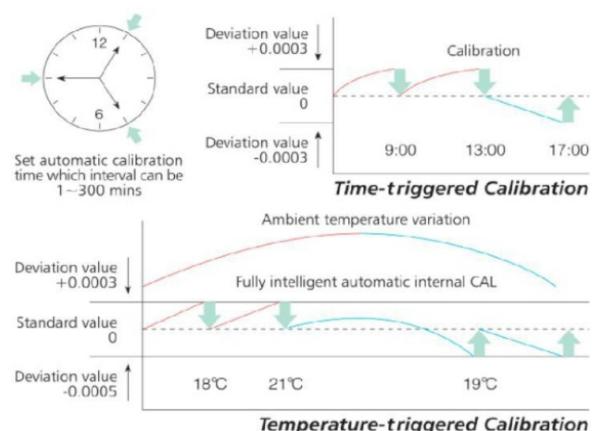
Grid Pan



## Characteristic

HD color touchscreen (Only TY T Series)  
Capacity progress bar in real time  
Real-time temperature compensation  
Seven level anti-vibration adjustable  
Weighing stabilities time adjustable  
More than 20 unit shield: g, mg, ct...  
Two customized units  
Default weighing mode automatically  
Date, time and temperature setting  
With under hook, RS232 and USB  
Anti-static draft shield with metal backboard  
Optional with wireless communication function  
Overload protection

Weighing functions are selectable on PC. Measurements can be input into EXCEL, WORD and other files on PC.



## Super Monoblock Sensor

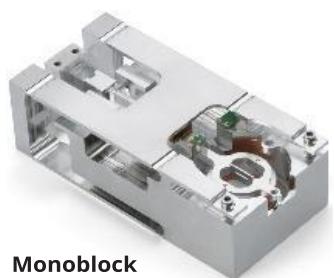
This monolithic sensor technology's features are fast weighing response, high durability, continually coherence, compatible of sensitivity and stability.

### Set Dual Intelligent Internal CAL

In condition that nothing on the pan, the balance will calibrate itself automatically when temperature or interval time reaches user-set value.

## Application Mode

With dynamic weighing function  
Selectable weighing and count mode  
High-low weighing function  
Gross/Net/Tare weight weighing  
Peak holding function  
Accumulate function  
With density determination  
Percentage Weighing  
Pricing function



Monoblock

Model	TY 85 / TY 85T	TY 125 / TY 125T	TY 82 / 120 T
Capacity	80gm	120gm	80 / 120gm
Minimum Load		1mg	
Readability		0.01mg	
Repeatability (+/-)		± 0.03mg	
Linearity (+/-)		± 0.2mg	
Tare Range		Max	
USP Min. Weight		40mg	
Pan Size		90 mm	
Stabilization Time		3 - 8 secs	
Calibration		Internal	
Operating Temp.		+18 ÷ +30°C	
Power Supply	100-240 V AC50/60Hz=12V DC500mA		
OIML Calss	OIML Calss		
Display	VATN LCD Backlight		
Weighing Chamber Dimension	185 x 180 x 230		
Weighing Packing Dimension	400 x 300 x 420		
Gross Wt.	6.9 kg		

# ACN/G Professional semi-micro series

## ACN/G Professional Analytical series

Calibration : Internal



◆ 3 level Admin / User Password Protection.

	Products and user's database		Unit Selection		Animal Weighing
	Measurements database		Multilanguage		Density Measurement
	Date / time		Weighing Speed Selection		Force Measurement
	Printout config		Threshold/ selection		Recipe
	Pieces counting		Max weight		Statistics
	Percentage		Min Weight		Internal Calibration
	summation		Alibi Memory		GLP Compatibility

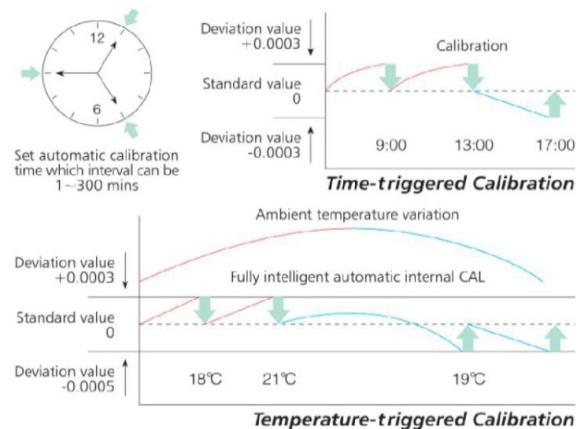
Model	ACN 220/82G	ACN 220G	ACN 320G
Capacity	82/220gm	220gm	320gm
Minimum Load	1mg/10mg		10mg
Readability	0.01mg/0.1mg		0.1mg
Repeatability (+/-)	± 0.03mg		0.03mg
Linearity (+/-)	± 0.2mg		0.2mg
Tare Range	Max		Max
USP Min. Weight	40mg		160mg
Pan Size	90 mm		90 mm
Stabilization Time	3 - 8 secs		3 - 8 secs
Calibration	Internal		Internal
Operating Temp.	+18 ÷ +30°C		+18 ÷ +30°C
Power Supply	230V 50Hz =12V 1.2A		230V 50Hz =12V 1.2A
Interfaces	Rs232,USB-B,USB-A Option: LAN or Wi-Fi	Rs232,USB-B,USB-A Option: LAN or Wi-Fi	
OIML Calss	OIML Calss		OIML Calss
Display	Graphical Display		Graphical Display
Weighing Chamber Dimension	174 x 1135 x 220		174 x 1135 x 220
Weighing Packing Dimension	-		-
Gross Wt.	5.2 kg		5.2 kg

# Analytical Balance

TY -i SERIES

TY -T SERIES

Calibration : Internal



## Super Monoblock Sensor

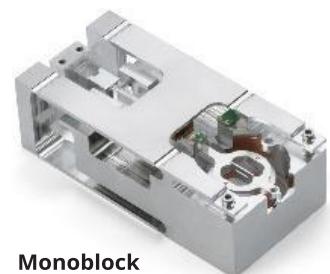
This monolithic sensor technology's features are fast weighing response, high durability, continually coherence, compatible of sensitivity and stability.

## Set Dual Intelligent Internal CAL

In condition that nothing on the pan, the balance will calibrate itself automatically when temperature or interval time reaches user-set value.

## Application Mode

- With dynamic weighing function
- Selectable weighing and count mode
- High-low weighing function
- Gross/Net/Tare weight weighing
- Peak holding function
- Accumulate function
- With density determination
- Percentage Weighing
- Pricing function



Monoblock

## Characteristic

- HD color touchscreen (Only TY T Series)
- Capacity progress bar in real time
- Real-time temperature compensation
- Seven level anti-vibration adjustable
- Weighing stabilities time adjustable
- More than 20 unit shield: g, mg, ct...
- Two customized units
- Default weighing mode automatically
- Date, time and temperature setting
- With under hook, RS232 and USB
- Anti-static draft shield with mental backboard
- Optional with wireless communication function
- Overload protection

Weighing functions are selectable on PC. Measurements can be imputed into EXCEL, WORD and other files on PC.

Model	TY 224i / TY 224T	TY 324i / TY 324T
Capacity	220 gm	320gm
Minimum Load	10mg	
Readability	0.1mg	
Repeatability (+/-)	± 0.03mg	
Linearity (+/-)	± 0.2mg	
Tare Range	Max	
USP Min. Weight	160mg	
Pan Size	90 mm	
Stabilization Time	3 - 8 secs	
Calibration	Internal	
Operating Temp.	+18 ÷ +30°C	
Power Supply	100-240 V AC50/60Hz=12V DC500mA	
OIML Calss	OIML Calss	
Display	VATN LCD Backlight	
Weighing Chamber Dimension	185 x 180 x 230	
Weighing Packing Dimension	400 x 300 x 420	
Gross Wt.	6.9 kg	

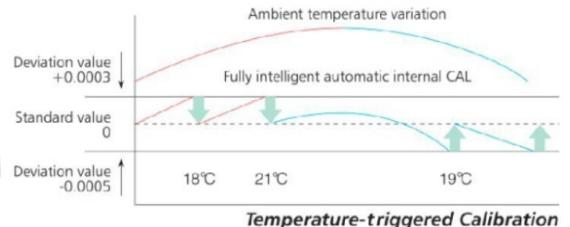
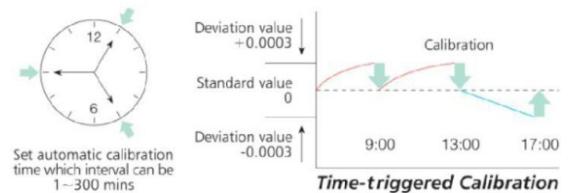
## Precision Balance

TG -P SERIES

TG -T SERIES

## TG -N SERIES(Neo cell)

Calibration : Internal/ External



### Super Monoblock Sensor

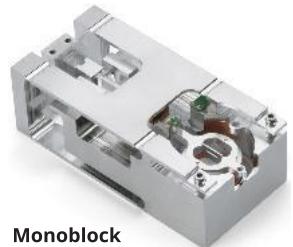
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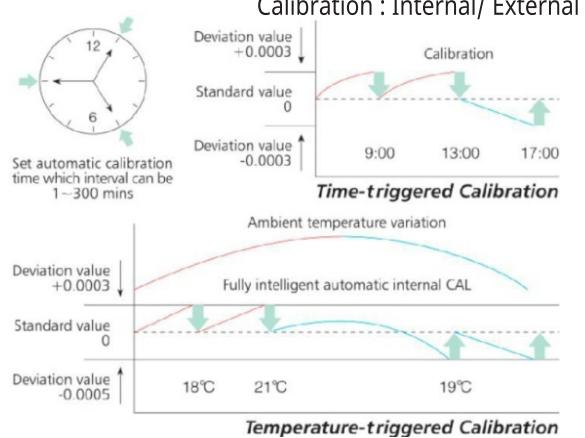
Model	TG 223 P	TG 323 P	TG 623 P	TG 1223 P	TG 223 T	TG 323 T	TG 623 T	TG 1223 T	TG 323 N
Capacity	220 gm	320gm	320gm	1220 gm	220 gm	320 gm	620 gm	1220 gm	320gm
Minimum Load					100mg				
Readability					1mg				
Repeatability (+/-)					± 0.001g				
Linearity (+/-)					± 0.002g				
Tare Range					Max				
USP Min. Weight					1g				
Pan Size					90 mm/ 128mm/ 133mm				
Stabilization Time					3 - 8 secs				
Calibration					Internal/ External				
Operating Temp.					+18 ÷ +30°C				
Power Supply					100-240 V AC50/60Hz=12V DC500mA				
OIML Calss					OIML Calss				
Display					VATN LCD Backlight				
Weighing Chamber Dimension					185 x 180 x 230				
Weighing Packing Dimension					400 x 300 x 420				
Gross Wt.					6.9 kg				

# Precision Balance

## TG -P SERIES

## TG -T SERIES

## TG -N SERIES (Neo cell)



### Super Monoblock Sensor

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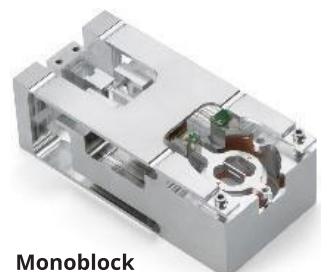
### Set Dual Intelligent Internal CAL

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### Characteristic

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- Two customized units
- Default weighing mode automatically
- Date, time and temperature setting
- With under hook, RS232 and USB
- Anti-static draft shield with metal backboard
- Optional with wireless communication function
- Overload protection

- With dynamic weighing function
- Selectable weighing and count mode
- High-low weighing function
- Gross/Net/Tare weight weighing
- Peak holding function
- Accumulate function
- With density determination
- Percentage Weighing
- Pricing function



Weighing functions are selectable on PC. Measurements can be impute into EXCEL, WORD and other files on PC.

Monoblock

Model	TG 1502 P	TG 2202 P	TG 3202 P	TG 6202 P	TG 1502 T	TG 2202 T	TG 3202 T	TG 6202 T	TG 3202 N
Capacity	1520gm	2200gm	3200gm	6200gm	1520gm	2200gm	3200gm	6200gm	3200gm
Minimum Load					1g				
Readability					0.01g				
Repeatability (+/-)					± 0.01g				
Linearity (+/-)					± 0.02g				
Tare Range					Max				
USP Min. Weight					8.2g				
Pan Size					168 X 168 mm				
Stabilization Time					3 - 8 secs				
Calibration					Internal/ External				
Operating Temp.					+18 ~ +30°C				
Power Supply					100-240 V AC50/60Hz=12V DC500mA				
OIML Calss					OIML Calss				
Display					VATN LCD Backlight				
Weighing Chamber Dimension					-				
Weighing Packing Dimension					-				
Gross Wt.					-				

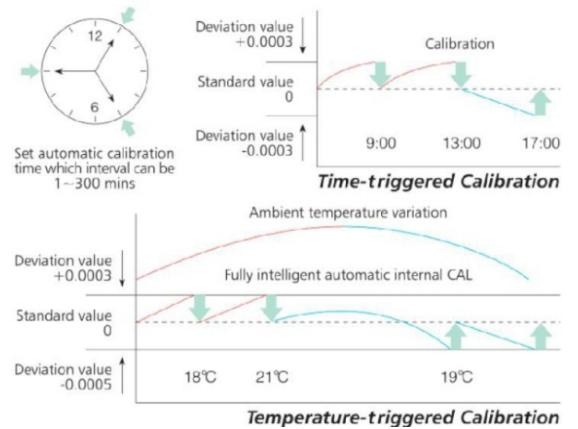
## Top Pan Balance

TG -P SERIES

TG -T SERIES

TG -N SERIES (Neo cell)

Calibration : Internal/ External



### Super Monoblock Sensor

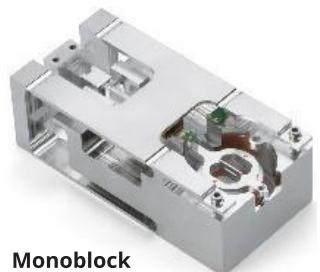
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### Set Dual Intelligent Internal CAL

In condition that nothing on the pan, the balance will calibrate itself automatically when temperature or interval time reaches user-set value.

### Application Mode

- With dynamic weighing function
- Selectable weighing and count mode
- High-low weighing function
- Gross/Net/Tare weight weighing
- Peak holding function
- Accumulate function
- With density determination
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- With under hook, RS232 and USB
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- Optional with wireless communication function
- Overload protection

Weighing functions are selectable on PC. Measurements can be imputed into EXCEL, WORD and other files on PC.

Model	TG 3200 P	TG 6200 P	TG 8200 P	TG 12000 P	TG 3200 T	TG 6200 T	TG 8200 T	TG 12000 T	TG 12000 N
Capacity	3200gm	6200gm	8200gm	12kg	3200gm	6200gm	8200gm	12kg	12kg
Minimum Load									
Readability					0.1g				
Repeatability (+/-)					± 0.1g				
Linearity (+/-)					± 0.2g				
Tare Range					Max				
USP Min. Weight					82g				
Pan Size					168 X 168 mm				
Stabilization Time					3 - 8 secs				
Calibration					Internal/ External				
Operating Temp.					+18 ~ +30°C				
Power Supply					100-240 V AC50/60Hz=12V DC500mA				
OIML Calss					OIML Calss				
Display					VATN LCD Backlight				
Weighing Chamber Dimension					-				
Weighing Packing Dimension					-				
Gross Wt.					-				



- ◆ 3 Userlevel Admin level Password Protection(AGS)
- ◆ Password Protection(ATS)

### Options on Demand



Temperature Kit



GLP compatibility



external calibration



Date/time



Unit selection



Printout config.



Drying graph



Drying programs memory



Drying profiles



Result in percentage



Drying report



Multilanguage



Freeware computer program

- ◆ optional infrared heaters
- ◆ external calibration thermometer
- ◆ single use pans set (10 pcs)
- ◆ paper filters set (100pcs)
- ◆ glass filters set (100pcs)
- ◆ dedicated computer software: Promas

Model	AGS 60	AGS 120	AGS 210	ATS 60	ATS 120	ATS 210
Capacity	60gm	6120gm	621gm	60gm	120gm	210gm
Readability		1mg			1mg	
Recommended sample weight		2 ÷ 10g			2 ÷ 10g	
Work temperature		+10 ÷ +40°C			+10 ÷ +40°C	
Density readout precision		1% (sample 0,01÷0,5g) 0,1% (sample 0,5÷5g) 0,01% (sample >5g)			1% (sample 0,02÷0,5g) 0,1% (sample 0,5÷5g) 0,01% (sample >5g)	
Humidity measurement repeatability		±0,1% (sample 2g) ±0,04% (sample 5g)			±0,1% (sample 2g) ±0,04% (sample 5g)	
Settings memory		10 drying programs			20 drying programs	
Maximal drying temperature		250°C			160°C	
Sample time		1 ÷ 180s			1 ÷ 180s	
Maximal drying time		10h			10h	
Drying mode		short (auto), time			short (auto), time	
Halogen radiators		2 x 118mm 500W			2 x 100W 78mm	
Drying chamber heating time up to 100°C		about 3 min.			about 3 min.	
Pan dimensions		90mm			90mm	
Drying chamber dimensions		108 x 20mm			108 x 20mm	
Connections		RS232C, PS2 , USB			RS232C, PS2 , USB	
Supply		~230V 50/60Hz 300VA			~230V 50/60Hz 230VA	
Dimensions		215(235) x 345 x 200mm			185 x 290 x 170mm	
Weight		7kg			2.8kg	



#### Standard Features

- |   |  |
|---|--|
| Interface to Label Printer & Scanner.     | Real Time Clock with Backup support.       |
| Data Processing Capacity.                 | Check Weighing / Counting models.          |
| Bill Summary Report / Weightment for day. | Full Programmable with front Panel.        |
| 5000 Memory. Upgrade to , 20,000.         | Labels Support for Shipper with Barcode.   |
| Master - Product, Customer, Brands.       | 500,000 Counts Internal / External 50,000. |
| Dispense Mode / Shipper Mode Slips.       | Bi Directional RS232/USB for data output   |
|   | Export Data to Pen Drive Excel Format      |

Model	TWP 50	TWP 150	TWP 200	TWP 300	TWP 500
Capacity	50Kg	150Kg	200Kg	300Kg	500Kg
Readability	5g	10g	20g	20g	50g
Platform Size (mm)	500 x 500			600 x 600	

Customised size available on request.

#### Platform Scale



#### MS Series

#### Standard Features

- \* High resolution upto 15,000 counts.
- \* Stainless steel platter of high quality.
- \* Bottom structure is metal powder coated.
- \* Rugged & reliable design.
- \* Advanced microprocessor based design.
- \* Fast weighing response time.
- \* Auto-OFF function for power saving.
- \* Easy operation with feather touch keys.
- \* Easy to read backlit LCD display.
- \* Net/Gross Function
- \* Environmentally protect load cell Ip67
- \* Overload 150% of the scale capacity.
- \* Power-AC 220V + 10% 50-60 Hz
- \* Built-in rechargeable battery for continuous use.

Model	TWP 150	TWP 200	TWP 300	TWP 500	TWP 1000
Capacity	150Kg	200Kg	300Kg	500Kg	1000Kg
Readability	10g	20g	20g	50g	100g
Platform Size (mm)	500 x 500		600 x 600		600 x 600

Customised size available on request.

## Flame Proof Table Top TWT Series

Model	Capacity	Readability	Pan Size (mm)
TWT 5	5 Kg	0.1 gm	240 x 250
TWT 10	10 Kg	0.5 gm	240 x 250
TWT15	15 Kg	1 gm	240 x 250
TWT 30	30 Kg	1 gm	240 x 250

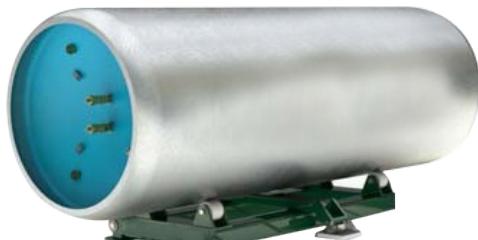
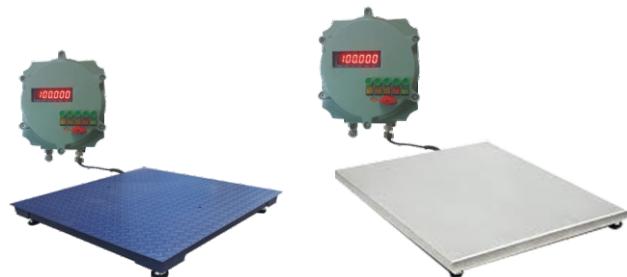


## Flame Proof Bench Scale

Model	Capacity	Readability	Pan Size (mm)
TWT 50	50 Kg	5 gm	500 x 500
TWT 200	200 Kg	20 gm	600 x 600
TWT 300	300 Kg	20 gm	600 x 600
TWT 500	500 Kg	50 gm	700 x 700

## Flame Proof 4 Load Cell Floor Scale

Model	Capacity	Readability	Pan Size (mm)
TWT 1T	1 Ton	200 gm	1000 x 1000
TWT 2T	2 Ton	500 gm	1200 x 1200
TWT 3T	3 Ton	500 gm	1200 x 1200
TWT 5T	5 Ton	1 Kg	2000 x 2000



## Flame Proof Cylinder Scale

Model	Capacity	Readability	Pan Size (mm)
TWT 1T	1 Ton	200 gm	1200 x1000
TWT 3T	3 Ton	1 Kg	1200 x1000
TWT 5T	5 Ton	1 Kg	1200 x1000

## Flame Proof Tank Weighing System TWT Series

- Standard Features
- No moving parts.
- The most reliable strain gauge load cells.
- High Accuracy.
- Practically no maintenance
- Standard electronics will have relay
- Outputs 4-20mA isolated current, set point facility.
- Absolutely cost effective.
- Expandable control output to use as batch controller.



Model	Capacity	Readability
TWT 1T	1Ton	1 KG
TWT 5T	5Ton	2 KG
TWT 10T	10 Ton	5 KG
TWT 100T	100 Ton	20 KG

Customised size available on request.

## Flame Proof Table Top TWT Series

Model	Capacity	Readability	Pan Size (mm)
TWT 5	5 Kg	0.1 gm	240 x 250
TWT 10	10 Kg	0.5 gm	240 x 250
TWT15	15 Kg	1 gm	240 x 250
TWT 30	30 Kg	1 gm	240 x 250

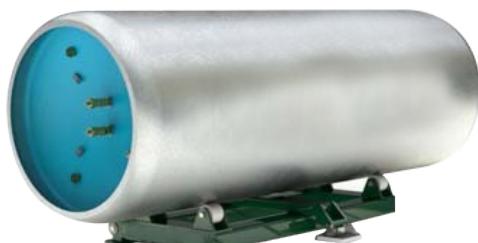
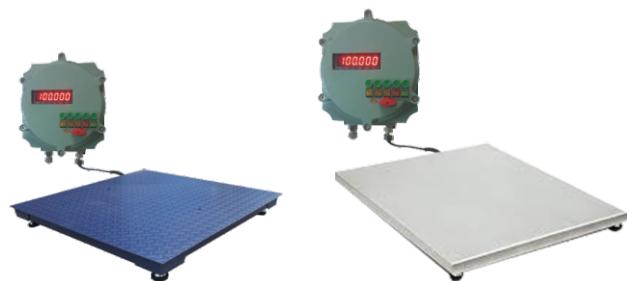


## Flame Proof Bench Scale

Model	Capacity	Readability	Pan Size (mm)
TWT 50	50 Kg	5 gm	500 x 500
TWT 200	200 Kg	20 gm	600 x 600
TWT 300	300 Kg	20 gm	600 x 600
TWT 500	500 Kg	50 gm	700 x 700

## Flame Proof 4 Load Cell Floor Scale

Model	Capacity	Readability	Pan Size (mm)
TWT 1T	1 Ton	200 gm	1000 x 1000
TWT 2T	2 Ton	500 gm	1200 x 1200
TWT 3T	3 Ton	500 gm	1200 x 1200
TWT 5T	5 Ton	1 Kg	2000 x 2000



## Flame Proof Cylinder Scale

Model	Capacity	Readability	Pan Size (mm)
TWT 1T	1 Ton	200 gm	1200 x1000
TWT 3T	3 Ton	1 Kg	1200 x1000
TWT 5T	5 Ton	1 Kg	1200 x1000

## Flame Proof Tank Weighing System TWT Series

- Standard Features
- No moving parts.
- The most reliable strain gauge load cells.
- High Accuracy.
- Practically no maintenance
- Standard electronics will have relay
- Outputs 4-20mA isolated current, set point facility.
- Absolutely cost effective.
- Expandable control output to use as batch controller.



Model	Capacity	Readability
TWT 1T	1Ton	1 KG
TWT 5T	5Ton	2 KG
TWT 10T	10 Ton	5 KG
TWT 100T	100 Ton	20 KG

Customised size available on request.

## Crane Scale TWT Series



Model	TWT 300	TWT 600	TWT 2T	TWT 5T	TWT 30T	TWT 50T
Capacity	300 Kg	600 Kg	2 Ton	5 Ton	30 Ton	50 Ton
Readability	100 gm	200 gm	500 gm	2 Kg	10 Kg	20 Kg

Customised size available on request.

### Construction

High special safety construction Load cell design to protect damage overload. Load Cell connects to upper ring & Bottom Hook, with Non-screw safety design to prevent loosen or breakage. Easy operated wireless remote control. (distance 15m approx.)

### Standard Features

Rugged Heavy duty design, cast Aluminum alloy housing. Remote control - ON/OFF, Change, Zero, Hold. Heat shield - 100oC to 1600oC at distance of approx. 2.5 mtr.

### Function

ON/OFF, Change, Zero Set Display : 5 digit, 1.2" RED LED Zero Range : 4% FS. Max Safety Load : 250% FS. Unlimited Load : 500% FS.



## Pallet Scale TWP Series

### Standard Features

In-built battery Backup. Widely use in places like storehouses, warehouses, goods yard etc. Bright LED / LCD Display.

Solid Caster wheel for easily moveable for convenient weighing.

Flame Proof Indicator are certified by CIMFR, Dhanbad for use in Hazardous area.

Model	TWT 500	TWT 1000
Capacity	500 Kg	1000 Kg
Readability	100 gm	500 gm

Customised size available on request.

# TEST WEIGHTS E1 / E2 / F1 / F2 / M2 CLASS

**TRIDENT** is the world leading manufacturer of balances and a significant supplier of weights, weight sets and related weight calibration services. The weight portfolio covers OIML weights from one milligram to Hundred kg in all accuracy classes. Our customers all over the world use our weights for routine testing of balances and as primary standards in mass laboratories.

## Design and Construction

All weights are made of premium stainless steel to make them corrosion resistant. Monobloc weights are specially designed for long term stability, and weights with an adjusting cavity provide best value for money. Electrolytic polishing ensures glossy surfaces for antiadhesion effects.

## Technical Specifications

Magnetization and susceptibility of all weights are strictly controlled to ensure compliance with standards. The steel used is vacuum melted and has a density of 8.0 kg/dm<sup>3</sup>, a homogenous structure, and best purity

## Shape

Capacity	Shape
5,50,500 mg	
2,20,200 mg	
1,10,100 mg	
1 g - 100 kg	

Class	Marking
E1	The shall be indicated on the cover of the case
E2	The shall be indicated on the cover of the case
E3	Engraving the indication on the wieght
E4	Engraving the indication on the wieght
E5	Engraving the indication on the wieght

OIML R111-2004 Maximum premissible errors for weights = permissible tolerances " tol ± mg"						
Capacity	Shape	E1	E2	F1	F2	M1
1mg	△	+ 0,003 mg	+ 0,006 mg	+ 0,020 mg	+ 0,06 mg	+ 0,20 mg
2mg	△	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg
5mg	△	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg
10mg	△	± 0,003 mg	± 0,008 mg	± 0,025 mg	± 0,08 mg	± 0,25 mg
20mg	△	± 0,003 mg	± 0,010 mg	± 0,03 mg	± 0,10 mg	± 0,3 mg
50mg	△	± 0,004 mg	± 0,012 mg	± 0,04 mg	± 0,12 mg	± 0,4 mg
100mg	△	± 0,005 mg	± 0,016 mg	± 0,05 mg	± 0,16 mg	± 0,5 mg
200mg	△	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg	± 0,6 mg
500mg	△	± 0,008 mg	± 0,025 mg	± 0,08 mg	± 0,25 mg	± 0,8 mg
1g	■	± 0,0010 mg	± 0,03 mg	± 0,10 mg	± 0,3 mg	± 1,0 mg
2g	■	± 0,0012 mg	± 0,04 mg	± 0,12 mg	± 0,4 mg	± 1,2 mg
5g	■	± 0,0016 mg	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg
10g	■	± 0,0020 mg	± 0,06 mg	± 0,20 mg	± 0,6 mg	± 2,0 mg
20g	■	± 0,0025 mg	± 0,08 mg	± 0,25 mg	± 0,8 mg	± 2,5 mg
50g	■	± 0,03 mg	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg
100g	■	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg	± 5,0 mg
200g	■	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg	± 10 mg
500g	■	± 0,25 mg	± 0,8 mg	± 2,5 mg	± 8,0 mg	± 25 mg
1kg	■	± 0,5 mg	± 1,6 mg	± 5,0 mg	± 16 mg	± 50 mg
2kg	■	± 1,0 mg	± 3,0 mg	± 10 mg	± 30 mg	± 100 mg
5kg	■	± 2,5 mg	± 8,0 mg	± 25 mg	± 80 mg	± 250 mg
10kg	■	± 5,0 mg	± 16 mg	± 50 mg	± 160 mg	± 500 mg
20kg	■	± 10 mg	± 30 mg	± 100 mg	± 300 mg	± 1 000 mg
50kg	■	± 25 mg	± 80 mg	± 250 mg	± 800 mg	± 2 500 mg
100kg	■		± 160 mg	± 500 mg	± 1 600 mg	± 5 000 mg

Teste weigh set box						
Weight Box Range	Pices	Part No. E1	Part No. E2	Part No. F1	Part No. F2	Part No. M1
1 mg - 500 mg	12	108-22	118-22	128-22	138-22	148-22
1 mg -200 mg	23	103-04	113-04	123-04	133-04	143-04
1 mg - 2 kg	27	103-07	113-07	123-07	133-07	143-07
1 mg - 5 kg	28	103-08	113-08	123-08	133-08	143-08

Superior Accessories						
Aluminum Hard Case	Tweezers	Weight Forks	Weight Handles	Miscellaneous accessories	Weight Trolley	

Certification By Accredited Lab					
NPL	NABL	RRSL	Dakkas [Germany]	NVLAP	Ukas [USA]

## Standard Accessories

- Basics Carrying Case Lined Wood
- Tweezers
- Nylon Gloves
- Brush
- Cleaning Cloth



# DATA PRINTER

Txp - 100 / 110 / 120 Series Balance Printer

## Support various types of scales / balances

The txp-100/110/120 series balance printer, which has a streamlined appearance and an outstanding cost-effective, completely meets the quality requirements of the chemical and pharmaceutical industry and glp, gmp standard certification. from the most basic printer needs, to the wealth of applications, the txp - 100 / 110 / 120 series balance printer provides users with a flexible choice.

### Features

High-speed dot printing, printed pages are suitable for long-term preservation.	Editable title and tail
iso/glp-compliant data printout.	Sample name and batch number can be inputted and printed.
128x64 oled display.	Data export: all data from balance can be exported to U-disk in excel or txt file
Built in real-time clock.	Periodic printing
Support weighting, statistical sum, mean and formulation function.	Barcode scanner support



### Printing Examples

Model:	Model:	-----[stat]-----			model:
S/n :	S/n :	No. 011	10.006 mg		s/n :
Id	Id	No. 002	10.006 mg		id : 61100
Date:	Date:	No. 003	10.004 mg		date: 2013-10-01
Start Time:	Start Time:	N=	3.		start time: 16:37:09
Sample No :	Sample No :	Total=	30.016 mg		sample no.: 000000247
001 17:30:22	001 17:30:22	Max =	10.000 mg		-----
002 17:30:25	002 17:30:25	Min =	10.006 mg		-----
003 17:30:36	003 17:30:36	Diff=	0.002		[Formulation]
End Time:	End Time:	X	10.0070 mg		comp 001 10.034 mg
Signature:	Signature:	S	0.001000 mg		comp 002 10.035 mg
		Srel	0.009993005		comp 003 10.036 mg
					net: 30.105 mg
					-----
		End.time:	16:37:10		end. time: 16:42:10
		Signature:			signature:

Features	TXP -100	TXP -110	TXP -120
120 x 64 oled		✓	✓
date and time[built-in-clock]	✓	✓	✓
direct mode	✓	✓	✓
weighing mode	✓	✓	✓
statiscal mode		✓	✓
sum mode		✓	✓
mean mode		✓	✓
formulation mode		✓	✓
sample name input		✓	✓
sample batch number input		✓	✓
batch number auto-increse			✓
data export [use u-disk]			✓
data curv print			✓
periodic printing			✓
barcode scanner support			✓

### Txp- 100/110/120 Simulator

Txp-100/110/120 simulator can be installed on pc with running window operating system [win 95 and above],used to evaluate our products. it can completely simulate all operationsand functions of the txp printer, you can visit [www.tridentscales.com](http://www.tridentscales.com) website to download it any try to run it. we belive you'll be impressed by our productonce you operate it.

### Specifications

Printing Method	Impact Dot
Inking	Ink Ribbon [epson Erc-22 Or Erc -09]
Printing Format	24 Digits / Line [5x7 Dot Matrix]
Character Size	1.7mm [w]x 2.6mm[h] Asii
Paper	Regular Paper 57.5mm Widt 50mm In Diameter
Printer Mechanism Durability	1.5 Milion Lines
Operation Temperature Range	0.500c
Input Voltage	Dc 12v [1.5a]
Interface	Rs-232c
Gross Weight[with Packaging]	1500 Approx.

# OPTIONAL ACCESSORIES

Density Kit



Temperature Kit



Battery Backup



Paper Roll



Flameproof Encloser



Interface Cable



Anti Vibration Table



Antistatic Ionizer



Laboratory Holders



RIBBON



COVER



DISPLAY



ADAPTOR

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## AUTHORISED DEALER