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Apollo

Industrial Series **New**

Easy Smart



Model



Apollo AW20
Scales

Easy Smart Scale with Modern
Technology



Apollo TW20
Indicator

Easy Smart Indicator with Modern
Technology



Apollo EW20
Printing Indicator

Easy Smart Indicator with
Label/Receipt Printer

Content

1 Models

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Apollo **AW20** Easy Smart Scales

SST pan (SUS304)

4.3 inch color display

ABS Plastic housing



37 keys membrane key pad

Adjustable feet

AW20 Weighing Scale include full fledged features, interfaces. They adopt the power of networking and utilize powerful accessories to provide our users a strong management platform.

Apollo **TW20** Easy Smart Indicator



TW20 Standard Model include full fledged features, interfaces..

They adopt the power of networking and utilize powerful accessories to provide our users a strong management platform.

The standard models are high end products for customers who aim for luxurious functions.

Apollo **TW20** Easy Smart Indicator



EW20 Standard Model include full fledged features, interfaces, and built-in high speed label cum ticket printer

They adopt the power of networking and utilize powerful accessories to provide our users a strong management platform.

The EW20 model is for customers who aim for multi-purpose functions.

Features

Apollo Series

Large storage
memory

HD color
display

Label/Receipt
Printer

Networking
Operation

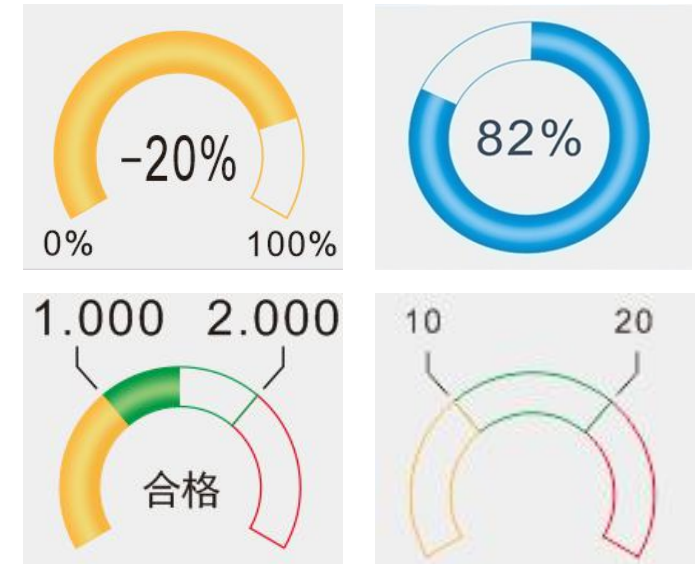
Abundant
Interface

Humanized user interface



➤ Apollo series product with 4.3 inch operation display, support graphic display

➤ It can show diferent UI on diferent function



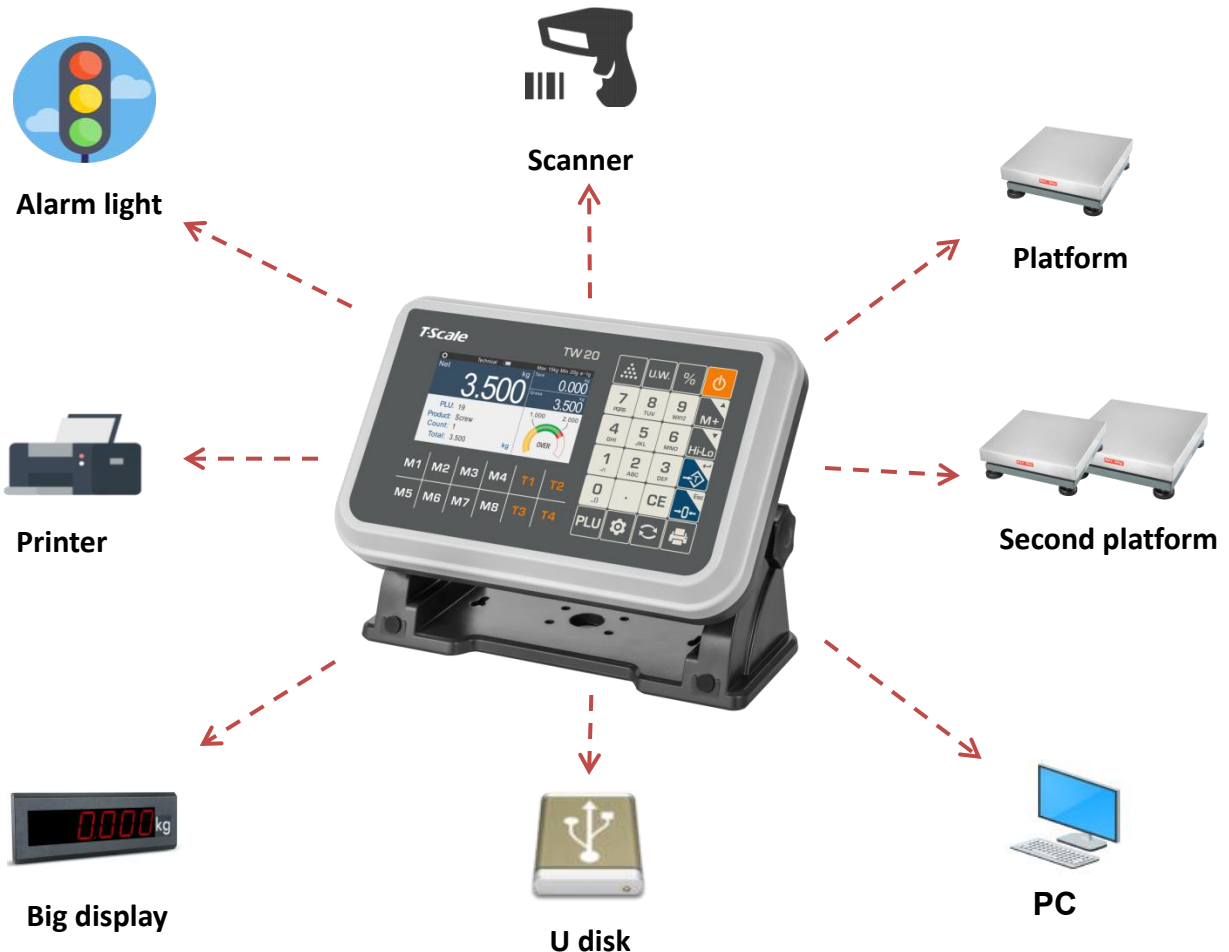
Multi-language dialogue window

1/2	
SYSTEM SETTINGS	
1. TERMINAL INFO	
2. DATE/TIME	
3. LANGUAGE	ENGLISH
4. LOGIN	NO
5. BACKLIGHT	NORMAL
6. AUTO POWER OFF	OFF

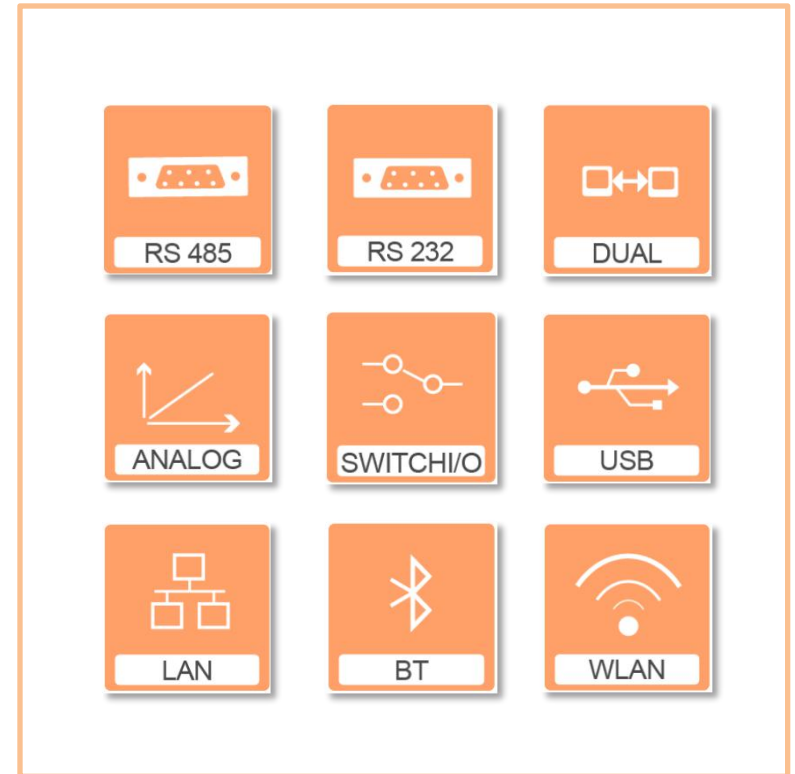
- Apollo series product supports 19 languages(include French/ Spanish/ German/ Italian)
- Standard Chinese and English language
- Based on language translation files, customer can translate into their own language

Abundant Interface

Wireless:  Wi-Fi  Bluetooth®



Abundant interfaces, can connect to a wealth of peripheral equipment



Multifunctional application

PLU function (direct)

M1	M2	M3	M4
M5	M6	M7	M8

Pretare function

T1	T2
T3	T4

Unit weight Percentage Printing

Sample counting

PLU function (indirect)

Local/Remote

Accumulation

Check weighing

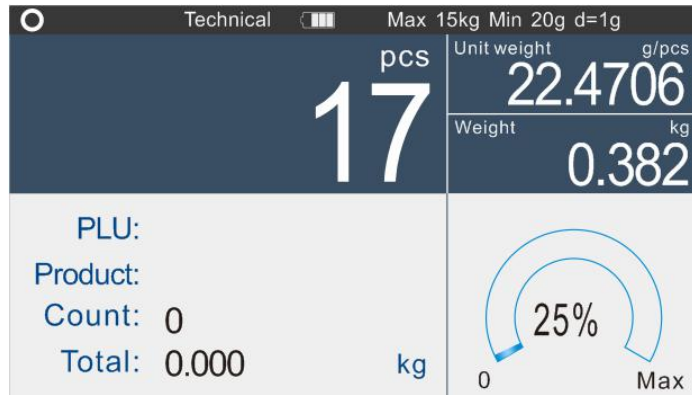
	U.W.	%		
PLU	7 PQRS	8 TUV	9 WXYZ	M+
	4 GHI	5 JKL	6 MNO	Hi-Lo
	1 -/\	2 ABC	3 DEF	
*	0 -()	.	CE	Esc →0←

Abundant key functions, different application modes can be switched with one key

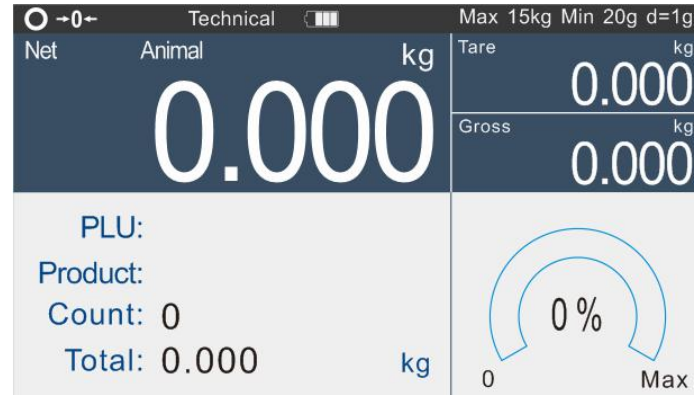
(weighing /counting /animal scale /check weighing /check counting /percentage /second platform/Alibi memory, etc.)

Multifunctional application

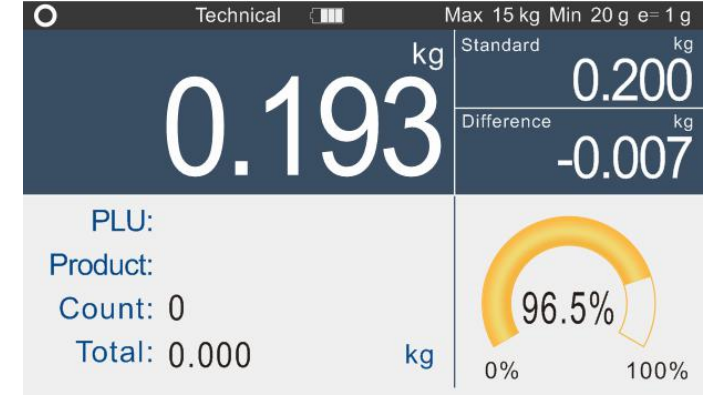
Counting



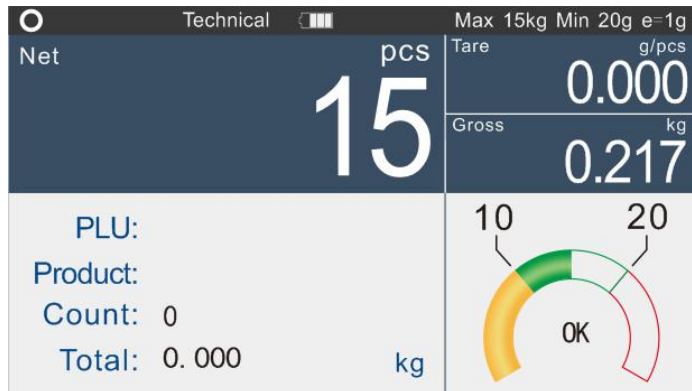
Animal



Percentage



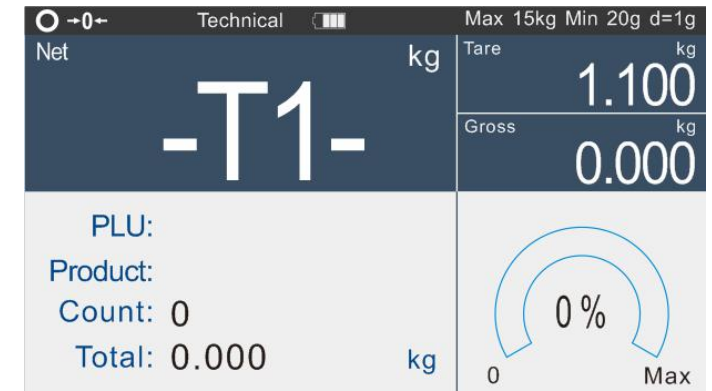
Check PCS



Check weighing



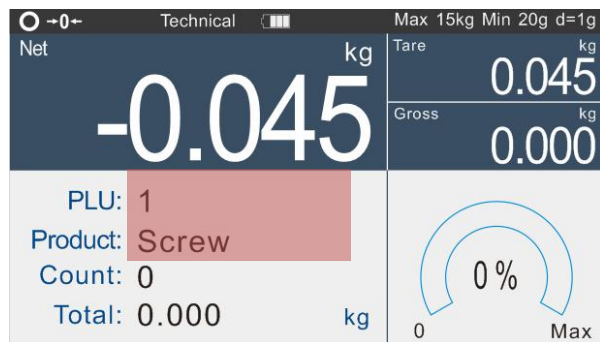
Pretare



Multifunctional application

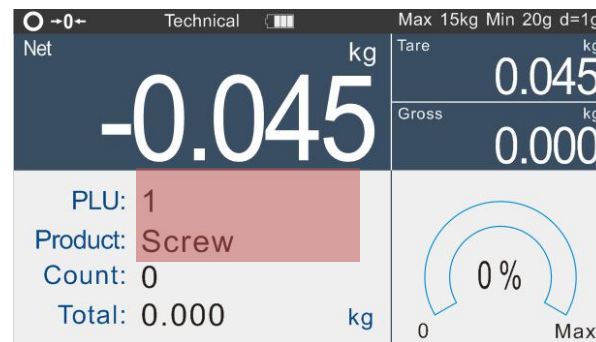
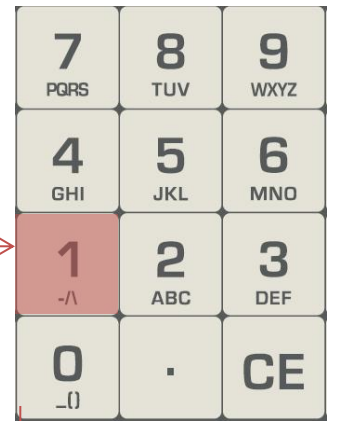
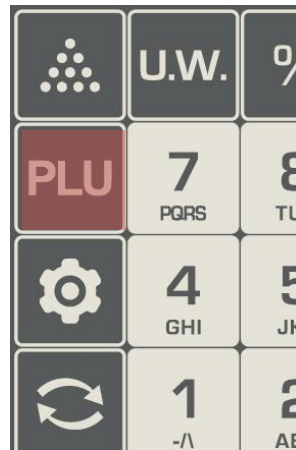
PLU Memory (two PLU call modes)

1. 8 direct PLUs, short press to directly call the product info.



2. Can store 300 indirect PLUs (product name, product number, pretare, weighing mode, high limit, low limit)

Short press the PLU key, screen will be flash, use the numeric keys to enter the PLU number, and confirm with the Tare key to call it up



Multifunctional application

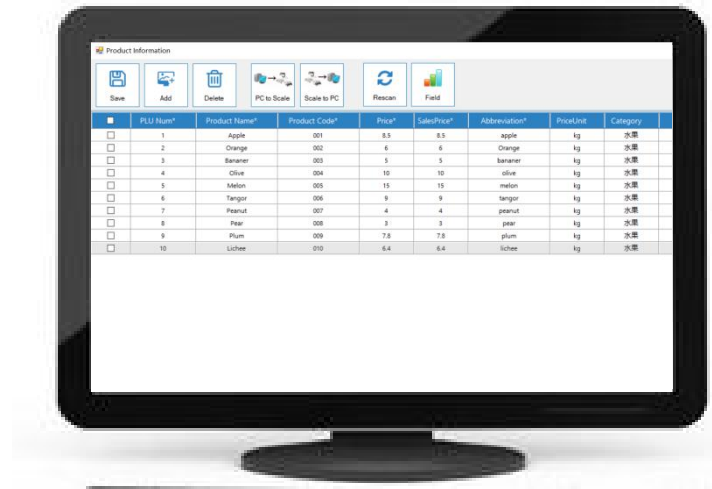
Second platform (use  key can switch between local and remote)



Accumulation (show accumulation times and total weight)



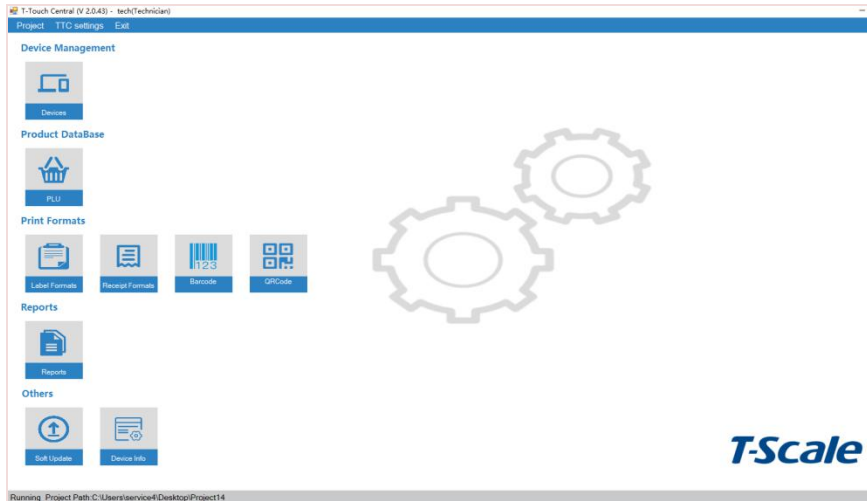
Apollo products can be connected to the computer background via Ethernet or WIFI for data transmission and remote management, and up to 254 devices can be connected to the same LAN at the same time



Use background management tools to perform

1. Device manage
2. Product manage
3. Print format
4. Software update





Device Management



Product DataBase



Print Formats



Reports



Others



Device manage

	IP Address	DeviceName	ModelName
<input type="checkbox"/>	10.5.52.122	123	TW20
<input type="checkbox"/>	10.5.52.123	456	TW20
<input type="checkbox"/>	10.5.52.124	789	TW20

Product manage

	PLU Num	Product Code	Product Name	Type	Pre-Tare	Unit	High	Low	Unit Weight(g)	Print format
<input type="checkbox"/>	1	123256	NUT M5*8	weight	0	kg	1.5	0.2	0	1
<input type="checkbox"/>	2	123257	NUT M5*9	weight	0	kg	2	1	0	1
<input type="checkbox"/>	3	123258	SCREW M5*10	weight	0	kg	1.8	0.6	0	1
<input type="checkbox"/>	4	123259	SCREW M5*12	weight	0	kg	2.5	1.2	0	2
<input type="checkbox"/>	5	123260	GASKET 1	weight	0	kg	2.6	1.5	0	2
<input type="checkbox"/>	6	123261	GASKET 2	weight	0	kg	2.3	1.2	0	2
<input type="checkbox"/>	7	123262	SCREW M5*13	weight	0	kg	2.4	1.1	0	2
<input type="checkbox"/>	8	123263	SCREW M6	weight	0	kg	1.5	0.8	0	2
<input type="checkbox"/>	9	123264	LINE 1	pcs	0		8	1	0	2
<input type="checkbox"/>	10	123265	LINE 2	pcs	0		8	2	0	3

Print format

Software update

Approval

The product has obtained the EU OIML measurement certification and CE certification



CERTIFICATE

Anbotek
Product Safety

CERTIFICATE
Of Conformity
EU Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AT18230EC000312
Report No.: 18230EC00031201

Applicant : TScale Electronics Mfg (Kunshan) Co., Ltd.
No.99, Jingwei Road, Zhoushi, Kunshan, Jiangsu, China

Product : Desktop scales

Identification : Model No. : TW20, EW20, NS20
Trade Mark : T-SCALE
Rating : Input: 12V ~ 2500mA

Test Standards : EN 55032: 2015
EN IEC 61000-3-2: 2019
EN 61000-3-3: 2013+A1:2019
EN 55035: 2017

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex II of Council Directive 2014/30/EU, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to Article 10 of the Directive.

Certified by
Tom Chen
Tom Chen
Manager

Apr. 21, 2020
Date

CE The CE Marking may only be used if all relevant and effective EU Directives are complied with **CE**

Shenzhen Anbotek Compliance Laboratory Limited
1/F, Building D, Sogood Science and Technology Park, Sanwei community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. 518128
Tel: (86)755-20086440 Fax: (86)755-20014772
Http://www.anbotek.com Email: service@anbotek.com

DANAK
Weighing & Test

FORCE
Certification

EU Type Examination Certificate
No. 0200-NAWI-08892

TW20 / NS20 / EW20
NON-AUTOMATIC WEIGHING INSTRUMENT

Issued by **FORCE Certification**
EU - Notified Body No. 0200

In accordance with the requirements in Directive 2014/31/EU of the European Parliament and Council.

Issued to **Tscale Electronics Mfg (Kunshan) Co., Ltd.**
No. 99 Jingwei Road,
Zhoushi, Kunshan, Jiangsu
CHINA

In respect of Non-automatic weighing instrument designated TW20 / NS20 / EW20 with variants of modules of load receptors, load cells and peripheral equipment.
Accuracy class III and IIII
Maximum capacity, Max: From 1 kg up to 750 000 kg
Verification scale interval: $e = Max / n$
Maximum number of verification scale intervals: $n \leq 7500$ for single-interval and $n \leq 2 \times 7500$ for multi-range and multi-interval (however, dependent on environment and the composition of the modules).
Variants of modules and conditions for the composition of the modules are set out in the annex.

The conformity with the essential requirements in annex 1 of the Directive is met by the application of the European Standard EN 45501:2015, OIML R76:2006 and WELMEC 2.1:2001.

The principal characteristics and approval conditions are set out in the descriptive annex to this certificate.

The annex comprises 17 pages.

Issued on 2020-09-21
Valid until 2030-09-21

Jens Hovgård Jensen
2020-09-21
Digitally signed by Jens Hovgård Jensen
jens@force.dk
Certification Manager

Signature: J. Hovgård Jensen

FORCE Certification references:
Task no.: 120-22986.90.10 and ID no.: 0200-NAWI-08892

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forcecertification.com/en/weighting

Specification

Apollo Series

Specification

Model		AW20	TW20	EW20
Weighing	Capacity (kg)	6/15/30	/	/
	Division	3000e; 2*3000e; 30,000d; 60,000d	/	/
Basic	Pan	SST pan	/	/
	Pan Size	230x300mm	/	/
	Keyboard	Membrane keys		
	Housing	ABS plastic		
	Dimension	W:400xD:532xH:598mm	W:250xD:157xH:192mm	W:304xD:205xH:143mm
	Operation Environment	Temp. :0° to 40° C; Humidity: <85%		
Display	Operate display	4.3 inch color display		
	Display ratio	16:9		
	Screen Resolution	340x272px		

Specification

Model		AW20	TW20	EW20
Communication	WIFI	2.4GHz supports IEEE 802.11 a/b/g/n (Option)		
	Network port (RJ45)	10/100Mbps Adaptive network card		
	Bluetooth 4.0	Bluetooth 5.0 (Option)		
I/O Port	USB	1*USB2.0		
	Serial port	1*RS232		
		1*RS485 (Option)		
		Dual scale interface (Option)		
		Check weighing output		
		Analog output (Option)		
Others	Printer (Built-in)	/	/	58mm Label/Receipt Printer, Printing width 48mm, Printing speed 90mm/s, Support barcode and QR code printing
Power supply	Adapter type	AC power adapter		
	Adapter input	AC100-240V. 50-60HZ		
	Adapter output	DC12V 2500mA		
	Battery	7.4V/5200mAh Lithium battery, can continuous use 24 hours (without print) AW20/TW20 (Option), EW20 (Standard)		

T-Scale



For Further Information

Please Visit

www.t-scale.com

or Contact

sales@taiwanscale.com