



- Clip type module printer
- Support four kinds of printing mode: black mark linerless paper, unfixed length linerless paper, label paper, receipt paper
- Effective print width:56mm
- Print speed:120mm/s
- Maximum paper external diameter: Φ 105mm



## ■ Excellent Functions

- Floating cashier function, which supports floating cashier to operate on different scales of same network, can print out overall barcodes label attached to external bags when checking. And it will print out overall barcodes when Internet connected, otherwise only one barcode for each PLU.
- Clip style paper input module design: clip style paper input box allows for quick paper replacement and can automatically identify label and receipt, greatly improving work efficiency and saving waiting time for customers when it turns to busy.
- Easy to maintain: separated design of printing head and paper input module allows for free dismantling and replacement, easy to maintain.
- 10.1" color screen can play animation and ad videos releasing enhancing enterprise image and stimulating customers' purchasing need.
- Display screen:10.1" touch screen, optional 10.1" color customer display, beautiful and high-end, waterproof and durable, easy to clean.
- Software: humanistic interface , easy and quick to operate, free to define shortcut key size and insert illustrations.
- Display Screen:10.1" infrared touch screen, optional 10.1" color customer screen, exquisite and beautiful, also easy to clean.
- Available nutrition information function, can print out nutrition ingredient on label for customers.
- Support many items printed on the whole label.
- Barcode traceable function can locate the source of food rapidly for food security.
- Support to print QR code.
- Video superimposer function can be added to backoffice to support omnibearing supervision of proscenium.
- Online sale function ensures the newest PLU information updating.
- Second label, nutrition information and other information different from the first one can be printed on second label.
- Optional models:single label printer, double printer with POS function can be chosen as per different requirements. Able to print labels and different POS receipts. One printer can satisfy the need to print label and receipt, greatly saving space.
- Wide-ranged network function allows for connection with backstage controlling PLU information at any time. Easy to manage and control chained stores through only one main host machine.
- Support external scanner, POS, printer and other external device. Support barcode scanning sale for packaged goods.
- SQL data port provides fast POS machine connection and information exchanging.

## ■ Specification

Model	TS5(N)	TS5(E)	TS5(G)
Operator display	10.1" Touch Screen	15"Touch Screen /15.6"	
Customer display	10.1" Color Screen	10.1" Color Screen	None
Display type	Capacity touch screen		
Range	6kg/15kg;15kg/30kg		
Division value	2g/5g;5g/10g		
OS	Windows10、Android8.0、Linux*		
CPU	Intel Z3735, quad–core, up to1.83GHz		
Memory	2GB RAM		
Storage	32GB EMMC		
PLU type	Hotkey number, LF code, PLU name, article number, unit price, pricing unit, first label, second label, tare, barcode ,department, package date, package time, preservation date, weight, package type (normal, fixed weight, fixed price, both fixed weight and price), nutrition message, traceability code, additional information 1, additional information 2, discount		
Barcode type	EAN 8、EAN 13、EAN 128、2/5 interleaved,GS1、QR code, etc.		
Optional functions	Wifi, linerless paper model clip, optional 12V 4.5Ah		
Printer	Label Printer's Paper	label paper/linerless label/receipt paper:57mm Φ105mm/62mm;	
	Receipt Printer's Paper	57mm/Φ50mm	
	Printer type	Clip type label printer, fast-switching between label and receipt printing	Label printer
	Print speed	120mm/s	
Communication interface	1*Ethernet、1*RS232、2*USB、1*Drawer		
Power	AC 100 ~ 240V 50 ~ 60Hz; DC 13.8V 3.2A		
Working temperature	0℃ ~ 40℃		
Working humidity	5% ~ 85%R.H.		

# TS5X Touch Scale



## Model Specification

### TS5xxxxxxxxx

Range	Customer display	Feature code
15: 15kg double range	0: No customer display	0: Black
30: 30kg double range	1: 10" LCD color screen	1: With battery
	2: 12" LCD color screen	N: Linerless paper printing module
	3: 65"132 full-dot matrix LCD	M: M1 card
	4: 32"264 full-dot matrix LCD	W: WIFI
	5: 65"264 full-dot matrix LCD	
	7: 7" LCD color screen	Printer
Touch scale codes		0: Single printer
P: Touch scale with pole (Pole, touch screen under the pedestal)		1: Single printer two clip
E: Touch scale with pole (Elevated type, touch screen on the top)		2: Double printer
N: Touch scale without pole (Touch screen under the pedestal)		
S: Self-service touch scale (Touch screen installed on the Pole)		
F: 12" touch scale with pole (Elevated type, touch screen on the top)		
Q: 15" touch scale with pole (Elevated type, touch screen on the top)		

Free to choose print clip  
in different commercial activities



Fixed length label clip



Consecutive receipt label clip



(Fixed/Unfixed length) linerless label clip

With insect-proof loop  
design (patent)



## ■ Unique Functions

- Unique label printing mechanism design in the world, full printing area available, no need for 5mm (or more) pre-printing area; so able to print the whole page; unlimited by reduced printable area caused by pre-printing area. Able to print EAN13 code vertically on 30mm height label ( the world's first breakthrough as the traditional label requires the pre-printing area for 5~6mm, unable to print EAN13 code vertically on 30mm height label). So label format can totally get rid of the trouble caused by pre-printing area requirement. Free to design barcode size and position, dramatically reduce label paper cost by 10%~20% when using small logo, improving beauty.
- The first "bezel free capacitive touch screen POS scale (cash register/label scale)" in the world. Offer better user experience and away from scraping and wearing, super long usage life.
- Structure super power-saving design, adopts Intel quad-core CPU with low consumption and high-performance, up to 1.83GHz, pursue perfection.
- The first to support "unfixed length linerless label and fixed length linerless label " in the world.
- Insect-proof design patent prevents bugs like cockroach from worming into the machine causing breakdown.
- The first "POS scale with in-built 12V UPS battery module " in the world.
- Attached label printing and cash register scale software offer Web Service or DLL interface to communicate with backoffice database. Web service can exchange data directly with the third party database without developing another software but only SP script.
- Directly change price on scale and meanwhile synchronize with backoffice.
- The first in the world to offer SDK to such three OS platforms as Windows/ Linux / Android for the third party to develop software.



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