



SM-120LL

A practical, functional scale with cloud connectivity



Searching for a New Balance

The SM-120 is a practical, functional scale that gives you ultimate flexibility with labeling.

Linerless solution & Allergen printing

Many regions require clear display of nutrition facts and allergen information on product labels. Standardized label sizes do not account for varying lengths of information, which often results in wasted label space. Linerless labels are a single continuous label that are automatically sized to fit the information for each product. Less wasted space means less wasted labels.

Fiscal memory function

A microSD card slot is equipped on the mainboard. Insert a 4GB SD card for fiscal memory. This function complies with the latest European fiscal regulations. Transaction data is also written into fiscal memory, and cannot be erased. 4GB provides storage up to 10 years, and a PC tool is available to read the data.

Network connectivity & remote maintenance

FTP and TCP/IP protocols allow for ethernet communication with a PC. DHCP protocol is also supported. The SM-120 can receive remote setting and firmware updates, remote diagnosis, remote programming services, etc. For this scale, data structure has been changed to CSV format, and users can select both TCP/IP and FTP protocols. Firmware updates, spec settings (141 and 142), hardware diagnosis (for 38 components) and PLU programming service can be realized remotely from HQ or DIGI cloud center, helping to reduce service costs.

Basic Specifications

Model	SM-120B	SM-120P	SM-120EV	SM-120BS	SM-120H
Capacity		3kg,6kg/6lb,12kg/12lb,15kg/15lb,30kg/30lb			
Display		202 x 32 pixels FSTN type LCD with back-light Tare Weight: 4 digits. Weight: 5 digits. Unit Price: 6 digits. Total Price: 7 digits. Second Line display: 25 characters.			
Memory		2MB(Standard) 8MB(Max)			
Power Source		AC 176V ~ 264V, 47~63Hz.			
Operating Temperature		-10°C ~ +40 °C			
Operating Humidity		15% ~ 85% RH.			
Power Consumption		0.15A			
Number of Preset Keys	32	56	56	72	120
Printer		Thermal printer with auto cutter Max. Printing Width: 60mm. Paper Width: 62mm (receipt) / 60mm (label). Printing speed: Maximum 110 mm / sec. Life span: 100 million pulses, 100km or more.			
Interface		AC receptacle. Cash drawer control port (drive voltage is 24V). 1 x RS-232C interface. Ethernet.			

*Specifications are subject to change without prior notice.

Floating Clerk

Up to five scales can be networked together, which is useful for price changes and for the floating clerk function, where users can start a transaction on one scale and finish the transaction on another.

Reliable Hardware

The SM-120's printer gives you more than 330,000 cuts per oil tank, making it virtually maintenance-free. The thermal head uses EPROM; the thermal head's serial number, accumulated printing length and number of cuts are recorded, and self dot diagnosis is available. All information can be accessed from the cloud. @Label cloud software can also connect with a partner auditing company to send data in the requested format. 60mm printing width with quick printing speeds of up to 110mm/s.



Pole Type
SM-120P
361 (W) x 500 (D) x 584 (H) mm



Elevated Type
SM-120EV
361 (W) x 470 (D) x 531 (H) mm



Self-service Type
SM-120BS
370 (W) x 374 (D) x 725 (H) mm
Optional: 500 x 374 x 725 mm



Hanging Type
SM-120H
342 (W) x 300 (D) x 950 (H) mm

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