

600 g x 0.01 g

# DIGITAL BALANCE

Model : GM-610P

ISO-9001, CE, IEC1010

[www.yalab.com.tw](http://www.yalab.com.tw)

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*The Art of Measurement*

# 600 g x 0.01 g, high precision DIGITAL BALANCE

## Model : GM-610P

FEATURES
* Microprocessor circuit with high accuracy & better performance.
* Wide measuring capacity : 600 g x 0.001 g.
* 0.01 g & 0.0005 oz resolution & wide measuring capacity.
* Large LCD display, 20.9 mm ( 0.8" ) digit size, easy read out.
* Built-in gram & oz display unit, select by the internal slide switch.
* Built-in self calibration system, the calibration value can memorize into EEPROM circuit permanently even power off.
* High precision counting scale function.
* RS-232 computer interface.
* Accept battery or AC/DC adapter power source, two way power supply.
* Built-in " level bubble " & the adjustable " rubber pads ".
* Heavy duty ABS housing plastic case.

SPECIFICATIONS			
Display	LCD, 20.9 mm ( 0.8" ) digit size, 5 digits with annunciator.		
Measuring range and Resolution	Unit	Range	Resolution
	g	0.10 g to 600 g	0.01 g.
	oz	0.005 oz to 9.9995 oz 10.000 oz to 21.164 oz	0.0005 oz 0.001 oz
Min. Display Weight	g	0.10 g	
	oz	0.005 oz	
Unit Select	g or oz, select by internal slide switch.		
Accuracy	$\pm ( 0.05 \% + 0.04 \text{ g} )$ * Within two hours after self calibration be executed. * $23 \pm 5 \text{ } ^\circ\text{C}$ . * Spec. tested under the environment RF Field Strength less than 3 V/M & frequency less than the 30 MHz only.		
Sampling time	Approx. 1 second.		
Tare Control	Approx. 600 g max.		
Transducer	Load cell.		
Circuit	Microprocessor circuit.		
Auto Calibration	Use 200 g or 400 g standard weight to execute self-calibration automatically.		
Counting function	Sampling no. are 10 PCs, 20 PCs, 50 PCs or 100 PCs.		
Data Output	RS 232/USB PC computer interface.		
	* Connect the optional RS232 cable UPCB-02 will get the RS232 plug. * Connect the optional USB cable USB-01 will get the USB plug.		
Operating Temperature	0 to 50 $^\circ\text{C}$ ( 32 to 122 $^\circ\text{F}$ ).		
Operating Humidity	Less than 80% RH.		
Size	Cabinet	250 x 190 x 70 mm	
	Platform	Round, 120 mm Dia.	
Power Supply	6 x 1.5V AA (UM-3) battery x 6 PCs, or DC 9V adapter, optional.		
Power Consumption	Approx. DC 17 mA.		
Accessory Included	Operation Manual.....1 PC.		
Optional accessories	* Software ( Windows version ), SW-U801-WIN, SW-E802. * RS232 cable, UPCB-02. * USB cable, USB-01 * 200 g calibration weight, WT-200 * AC/DC 9V power adapter, AP-9VA.		

\* Appearance and specifications listed in this brochure are subject to change without notice.

1305-GM610P