6.2 Specifications

MODEL	PA64*	PA114*	PA214*	PA213*	PA413*	PA512*	PA2102*	PA4102*	PA4101*
Capacity (g)	65	110	210	210	410	510	2100	4100	4100
Readability (g)	0.0001			0.001		0.01			0.1
Repeatability (sd)	0.0001			0.001		0.01			0.1
Linearity (g)	±0.0002		±0.0003	±0.002		±0.02			±0.1
Tare Range	To capacity by subtraction								
Stabilization	3 seconds								
Span cal mass (g)	50 or 60	50 or 100	100 or 200	100 or 200	200 or 400	200 or 500	1000 or 2000	2000 or 4000	2000 or 4000
Lin. cal masses (g)	25, 50	50, 100	100, 200	100, 200	200, 400	250, 500	1000, 2000	2000, 4000	2000, 4000
Pan size (in / cm)	3.5 / 9 dia.			4.7 / 12 dia.		7.1 / 18 dia.			
Net Weight (lb/kg)	10.1 / 4.6 (*11.2 / 5.2)					10 / 4.5 (*11.1 / 5.1)			

*C= Internal calibration

6.3 Communication

6.3.1 Commands

The RS232 Interface allows a computer to control the balance as well as receiving data such as the displayed weight. The balance will return “ES” for invalid commands.

Command	Function
IP	Immediate Print of displayed weight.
P	Print displayed weight (uses Stable ON/OFF menu settings).
CP	Continuous Print.
xP	Interval Print x = Print Interval (1-3600 sec)
T	Same as pressing Zero Key.
ON	Turns balance ON.
OFF	Turns balance OFF.
PSN	Show Serial Number.
PV	Version: Print product name, software revision and LFT ON (if LFT is set ON).
PU	Print current mode/unit
x#	Set PC ref wt (x) in grams
P#	Print PC ref wt
x%	Set % ref wt (x) in grams
P%	Print % ref wt

6.3.2 RS232 (DB9) Pin Connections

Pin 2: Balance transmit line (TxD)
Pin 3: Balance receive line (RxD)
Pin 5: Ground signal (GND)
Pin 7: Clear to send (hardware handshake) (CTS)
Pin 8: Request to send (hardware handshake) (RTS)