PS 750.X7.PGC Precision Balance

WK-313-0001

The drawings, photos and graphics used are for illustrative purposes only.

Functions

Autotest		Dosing		Plus/Minus Control		Percent Weighing	
Parts counting		Peak hold		Formulation		Newton unit measurement	
Statistics		Checkweighing		IR sensors		Under-pan weighing	
GLP Procedures		Animal weighing		Density determination		Ambient conditions monitoring	
Replaceable unit		Statistical Quality Control		Packaged Goods Control		ALIBI Memory	
Mass for titrator		Wi-Fi					

Datasheet

Metrological parameters	
Maximum capacity [Max]	750 g
Minimum load	0.5 g

Metrological parameters	
Readability [d]	0.01 g
Verification unit [e]	0.01 g
Tare range	-750 g
Minimum weight (USP)	1 g
Minimum weight (U=1%,k=2)	0.1 g
Repeatability (Max)	0.0015 g
Repeatability (5% Max)	0.0005 g
Linearity	±0.003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	$2\times10^{-6}/°C\times Rt$

Physical parameters	
Leveling system	manual
Display	7" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions W x D x H	545×455×575 mm
Net weight	3.9 kg
Gross weight	5 kg

Construction	
Protection class	IP 43

Components and software	
Database capacity	Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory, Control reports, Average tares

Features of use	
Touch-free operation	2 IR Sensors

Communication interface	
Communication interface	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi

Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max
Power consumption	4 W

Environmental conditions	
Operating temperature	+10 – +40 °C
Relative humidity	40% – 80%

Repeatability is expressed as a standard deviation from 10 weighing cycles.
Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

Accessories (Additional Fee)

Power Adapters	Draft Shield
Cigarette lighter receptacle power supply cables	Protective cover for balances
USB cable (scale - printer)	Receipt Printer
Density determination KIT	RS 232, RS 485 cables
Barcode scanners	Additional modules
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-pan weighing
Antivibration Tables	RS 232 cables (scale - printer)
Displays	RS 232 – RS 485 Converter

Software (Additional Fee)

• RAD Key [WX-010-0005]

• Alibi Reader [WX-010-0114]

• Scale Editor 2.1 [WX-010-0173]

• E2R PGC [WX-010-0051]

• R-Lab [WX-010-0080]

• RADWAG Development Studio [WX-010-0104]