PS 6100.X7.M.PGC Precision Balance

WK-313-0004

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]	6100 g
Minimum load	5 g

Metrological parameters	
Readability [d]	0.1 g
Verification unit [e]	0.1 g
Tare range	-6100 g
Minimum weight (USP)	10 g
Minimum weight (U=1%, k=2)	1 g
Repeatability (Max)	0.008 g
Repeatability (5% Max)	0.005 g
Linearity	±0.02 g
Stabilization time	1.5 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	$2 \times 10^{-6}/°C \times Rt$

Physical parameters	
Leveling system	manual
Display	7" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Device dimensions W x D x H	333x206x107 mm
Packaging dimensions W x D x H	476×381×346 mm
Net weight	4.1 kg
Gross weight	5.5 kg

Construction	
Protection class	IP 43

Features of use	
Touch-free operation	2 IR Sensors

Communication interface	
Communication interface	2×RS232¹, USB-A, USB-B, Ethernet, Wi-Fi

Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1.2A Balance: 12 – 15V DC 0.9A max; 4 – 8W*
Power consumption	4 W

Environmental conditions	
Operating temperature	+10 – +40 °C
Storage temperature	-20 – +50 °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.

CE M Additional fee for verification 2 YEARS

Accessories (Additional Fee)

Balance Storage Case
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Barcode scanners
Antivibration Tables
Displays
Density determination KIT

Protective cover for balances
Receipt Printer
RS 232, RS 485 cables
Additional modules
Under-pan weighing
RS 232 cables (scale - printer)
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]