



More information on the website
mirror.radwag.com/en/info,w1,2GE

PS 8100.X7.M.PGC Precision Balance

WK-313-0005



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]	8100 g
Minimum load	5 g

Metrological parameters	
Readability [d]	0.1 g
Verification unit [e]	0.1 g
Tare range	-8100 g
Minimum weight (USP)	10 g
Minimum weight (U=1%,k=2)	1 g
Repeatability (Max)	0.01 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	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
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	5.7 kg
Gross weight	7.3 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.



Additional fee for verification



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]