






















More information on the website
radwag.com/en/info,w1,U1G

PS 8100.X2.M.PGC Precision Balance



Functions

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

Datasheet

Metrological parameters	
Maximum capacity [Max]	8100 g
Minimum load	0,5 g
Readability [d]	0,1 g
Tare range	-8100 g

Metrological parameters	
Verification scale interval [e]	0,1 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	±0,03 g
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	II
Sensitivity temperature drift	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
Protection class	IP 43
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5" capacitive colour touchscreen
Weighing pan dimensions	195×195 mm
Device dimensions	333×206×107 mm
Packaging dimensions	470×380×336 mm
Net weight	5,7 kg
Gross weight	7,3 kg
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Power consumption max.	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

Balance Storage Case
 Receipt Printer
 Barcode scanners
 Cigarette lighter receptacle power supply cables

Displays
 Density determination KIT
 Protective cover for balances
 RS 232, RS 485 cables

Power Adapters
USB cable (scale - printer)
Granite Antivibration Tables

Under-Pan Weighing Rack
RS 232 cables (scale - EPSON printer)

Software

RAD-KEY
RADWAG Connect
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode