






















More information on the website
radwag.com/en/info,w1,M64

PS 6100.X2.M 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
-  Statistical Quality Control
-  ALIBI Memory
-  Mass for titrator
-  Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	6100 g
Minimum load	0,5 g
Readability [d]	0,01 g
Tare range	-6100 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)	0,008 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	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
Protection class	IP 43
Physical parameters	
Levelling system	manual
Display	5" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Device dimensions	333x206x107 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 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
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.

¹ Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

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



Accessories

Balance Storage Case
Receipt Printer
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - printer)
Granite Antivibration Tables

Displays
Density determination KIT
Protective cover for balances
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - EPSON printer)

Software

RAD-KEY
Alibi Reader
RADWAG Development Studio
R.Barcode

LabVIEW Driver
R-LAB
E2R System

Device dimensions

