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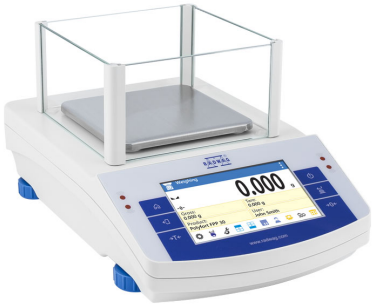
PS 2100.X2.M Precision Balance, PS 3500.X2.M Precision Balance, PS 200/2000.X2 Precision Balance, PS 210.X2 Precision Balance, PS 10100.X2.M Precision Balance, PS 600.X2 Precision Balance, PS 360.X2 Precision Balance, PS 4500.X2.M Precision Balance, PS 6100.X2.M Precision Balance, PS 1000.X2 Precision Balance, PS 3000.X2 Precision Balance, PS 750.X2 Precision Balance, PS 8100.X2.M Precision Balance

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

PS 2100.X2.M Precision Balance
PS 3500.X2.M Precision Balance
PS 10100.X2.M Precision Balance
PS 4500.X2.M Precision Balance
PS 6100.X2.M Precision Balance
PS 8100.X2.M Precision Balance

PS 200/2000.X2 Precision Balance
PS 210.X2 Precision Balance
PS 600.X2 Precision Balance
PS 360.X2 Precision Balance
PS 1000.X2 Precision Balance
PS 750.X2 Precision Balance



PS 3000.X2 Precision Balance

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

Functions

- Autotest
- Dosing
- 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
- ALIBI Memory
- Mass for titrator
- Wi-Fi

Datasheet

	PS 200/2000.X2 Precision Balance	PS 210.X2 Precision Balance	PS 360.X2 Precision Balance
Metrological parameters			
Maximum capacity [Max]	200 / 2000 g	210 g	360 g
Minimum load	0,02 g	0,02 g	0,02 g
Readability [d]	0,001 / 0,01 g	0,001 g	0,001 g
Verification scale interval [e]	0,01/0,1 g	0,01 g	0,01 g
Tare range	-2000 g	-210 g	-360 g
Minimum weight (USP)	1 g	1 g	1 g
Minimum weight (U=1%,k=2)	0,1 g	0,1 g	0,1 g
Repeatability (Max)	0,001 / 0,01 g	0,001 g	0,001 g
Repeatability (5% Max)	0,0005 / 0,005 g	0,0005 g	0,0005 g
Linearity	±0,002 / 0,02 g	±0,002 g	±0,002 g
Stabilization time	2 / 1,5 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	II
Physical parameters			
Leveling system	manual	manual	manual
Display	5” graphic color touchscreen	5” graphic color touchscreen	5” graphic color touchscreen
Protection class	IP 43	IP 43	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm	128×128 mm	128×128 mm
Device dimensions	–	–	–
Packaging dimensions	470×380×336 mm	470×380×336 mm	470×380×336 mm
Net weight	3,9 kg	3,7 kg	3,7 kg
Gross weight	5,5 kg	5,3 kg	5,3 kg
Features of use			
Database capacity	7	7	7
Touch-free operation	2 IR Sensors	2 IR Sensors	2 IR Sensors
Communication interface			
Communication interface	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	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	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max	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	+10 ÷ +40 °C	+10 ÷ +40 °C
Storage temperature	–	–	–
Relative humidity	–	–	–

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.

Datasheet

	PS 600.X2 Precision Balance	PS 750.X2 Precision Balance	PS 1000.X2 Precision Balance
Metrological parameters			
Maximum capacity [Max]	600 g	750 g	1000 g
Minimum load	0,02 g	0,02 g	0,02 g
Readability [d]	0,001 g	0,001 g	0,001 g
Verification scale interval [e]	0,01 g	0,01 g	0,01 g
Tare range	-600 g	-750 g	-1 kg
Minimum weight (USP)	1 g	1 g	1 g
Minimum weight (U=1%,k=2)	0,1 g	0,1 g	0,1 g
Repeatability (Max)	0,0015 g	0,0015 g	0,0015 g
Repeatability (5% Max)	0,0005 g	0,0005 g	0,0005 g
Linearity	±0,003 g	±0,003 g	±0,003 g
Stabilization time	2 s	2 s	2 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	II
Physical parameters			
Leveling system	manual	manual	manual
Display	5” graphic color touchscreen	5” graphic color touchscreen	5” graphic color touchscreen
Protection class	IP 43	IP 43	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm	128×128 mm	128×128 mm
Device dimensions	–	–	–
Packaging dimensions	470×380×336 mm	470×380×336 mm	470×380×336 mm
Net weight	3,9 kg	3,9 kg	3,9 kg
Gross weight	5,5 kg	5,5 kg	5,5 kg
Features of use			
Database capacity	7	7	7
Touch-free operation	2 IR Sensors	2 IR Sensors	2 IR Sensors
Communication interface			
Communication interface	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	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	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max	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	+10 ÷ +40 °C	+10 ÷ +40 °C
Storage temperature	–	–	–
Relative humidity	–	–	–

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.

Datasheet

	PS 2100.X2.M Precision Balance	PS 3000.X2 Precision Balance	PS 3500.X2.M Precision Balance
Metrological parameters			
Maximum capacity [Max]	2100 g	3000 g	3500 g
Minimum load	0,5 g	0,02 g	0,5 g
Readability [d]	0,01 g	0,001 g	0,01 g
Verification scale interval [e]	0,1 g	–	0,1 g
Tare range	-2100 g	-3000 g	-3500 g
Minimum weight (USP)	10 g	1 g	10 g
Minimum weight (U=1%,k=2)	1 g	0,1 g	1 g
Repeatability (Max)	0,008 g	0,0015 g	0,008 g
Repeatability (5% Max)	0,005 g	0,0005 g	0,005 g
Linearity	±0,02 g	±0,004 g	±0,02 g
Stabilization time	1,5 s	3 s	1,5 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	II
Physical parameters			
Leveling system	manual	manual	manual
Display	5” graphic color touchscreen	5” graphic color touchscreen	5” graphic color touchscreen
Protection class	IP 43	IP 43	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, power supply	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm	128×128 mm	195×195 mm
Device dimensions	–	–	–
Packaging dimensions	470×380×336 mm	470×380×336 mm	470×380×336 mm
Net weight	4,3 kg	3,9 kg	4,5 kg
Gross weight	5,8 kg	5,5 kg	6 kg
Features of use			
Database capacity	7	7	7
Touch-free operation	2 IR Sensors	2 IR Sensors	2 IR Sensors
Communication interface			
Communication interface	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	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	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max	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	+10 ÷ +40 °C	+10 ÷ +40 °C
Storage temperature	–	–	–
Relative humidity	–	–	–

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.

Datasheet

	PS 4500.X2.M Precision Balance	PS 6100.X2.M Precision Balance	PS 8100.X2.M Precision Balance
Metrological parameters			
Maximum capacity [Max]	4500 g	6100 g	8100 g
Minimum load	0,5 g	0,5 g	0,5 g
Readability [d]	0,01 g	0,01 g	0,01 g
Verification scale interval [e]	0,1 g	0,1 g	0,1 g
Tare range	-4500 g	-6100 g	-8100 g
Minimum weight (USP)	10 g	10 g	10 g
Minimum weight (U=1%,k=2)	1 g	1 g	1 g
Repeatability (Max)	0,008 g	0,008 g	0,01 g
Repeatability (5% Max)	0,005 g	0,005 g	0,005 g
Linearity	±0,02 g	±0,02 g	±0,02 g
Stabilization time	1,5 s	1,5 s	1,5 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	II
Physical parameters			
Leveling system	manual	manual	manual
Display	5” graphic color touchscreen	5” graphic color touchscreen	5” graphic color touchscreen
Protection class	IP 43	IP 43	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, power supply	Balance, weighing pan, weighing pan shield, power supply	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm	195×195 mm	195×195 mm
Device dimensions	333x206x107 mm	333x206x107 mm	333x206x107 mm
Packaging dimensions	470×380×336 mm	470×380×336 mm	470×380×336 mm
Net weight	4,5 kg	5,7 kg	5,7 kg
Gross weight	6,1 kg	7,3 kg	7,3 kg
Features of use			
Database capacity	7	7	7
Touch-free operation	2 IR Sensors	2 IR Sensors	2 IR Sensors
Communication interface			
Communication interface	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi	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	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max	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	+10 ÷ +40 °C	+10 ÷ +40 °C
Storage temperature	-20 ÷ +50 °C	-20 ÷ +50 °C	
Relative humidity	40% ÷ 80%	40% ÷ 80%	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.

Datasheet

	PS 10100.X2.M Precision Balance
Metrological parameters	
Maximum capacity [Max]	10100 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	-
Tare range	-10100 g
Minimum weight (USP)	10 g
Minimum weight (U=1%,k=2)	1 g
Repeatability (Max)	0,012 g
Repeatability (5% Max)	0,005 g
Linearity	±0,02 g
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	-
Physical parameters	
Leveling system	manual
Display	5” graphic color touchscreen
Protection class	IP 43
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, 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.

Accessories

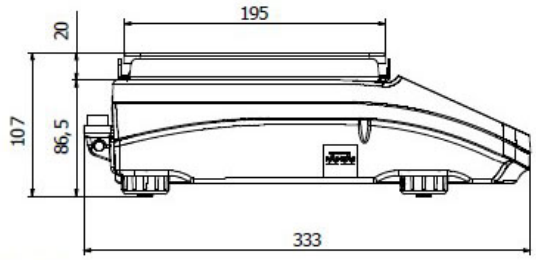
Balance Storage Case
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT
Power Adapters
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan
Antivibration Tables
Displays
Draft Shield
Receipt Printer
Protective cover for balances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

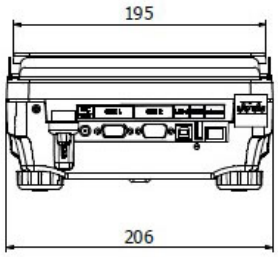
Software

RAD-KEY
Alibi Reader
RADWAG Development Studio
R.Barcode
LabVIEW Driver
R-LAB
E2R System

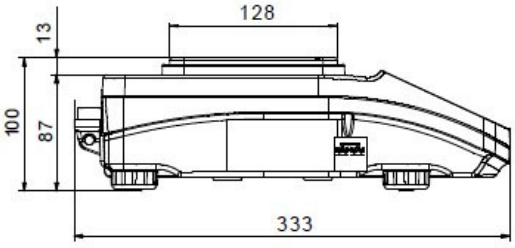
Device dimensions

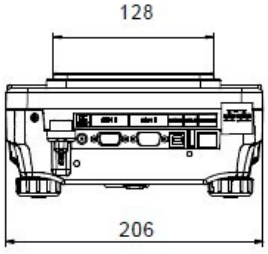
PS 2100.X2.M Precision Balance, PS 3500.X2.M Precision Balance, PS 10100.X2.M Precision Balance, PS 4500.X2.M Precision Balance, PS 6100.X2.M Precision Balance, PS 8100.X2.M Precision Balance

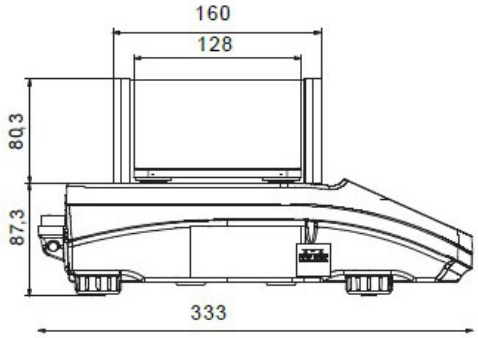




PS 200/2000.X2 Precision Balance, PS 210.X2 Precision Balance, PS 600.X2 Precision Balance, PS 360.X2 Precision Balance, PS 750.X2 Precision Balance



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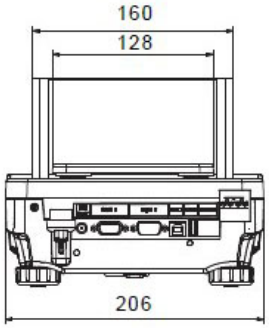
87,3
333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