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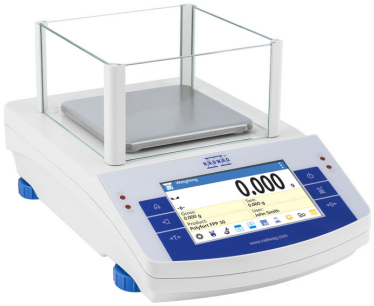
PS 2100.X2.M Precision Balance, PS 3500.X2.M Precision Balance, PS 200/2000.X2 Precision Balance, PS 210.X2 Precision Balance, PS 10100.X2.M Precision Balance, PS 600.X2 Precision Balance, PS 360.X2 Precision Balance, PS 4500.X2.M Precision Balance, PS 6100.X2.M Precision Balance, PS 1000.X2 Precision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

Dosing:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Percent Weighing:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Parts counting:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Peak hold:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Formulation:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Newton unit measurement:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Statistics:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Checkweighing:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

IR sensors:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Under-pan weighing:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

GLP Procedures:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Animal weighing:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Density determination:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Ambient conditions monitoring:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Replaceable unit:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Statistical Quality Control:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

ALIBI Memory:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Mass for titrator:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

Wi-Fi:
- PS 210.X2 Precision Balance
- PS 360.X2 Precision Balance
- PS 600.X2 Precision Balance
- PS 750.X2 Precision Balance
- PS 1000.X2 Precision Balance
- PS 2100.X2.M Precision Balance
- PS 3000.X2 Precision Balance
- PS 3500.X2.M Precision Balance
- PS 4500.X2.M Precision Balance
- PS 6100.X2.M Precision Balance
- PS 8100.X2.M Precision Balance
- PS 10100.X2.M Precision Balance

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	20 mg	20 mg	20 mg
Readability [d]	1 / 10 mg	1 mg	1 mg
Verification unit [e]	10 / 100 mg	10 mg	10 mg
Tare range	-2000 g	-210 g	-360 g
Standard repeatability [5% Max]	0,5 / 5 mg	0,5 mg	0,5 mg
Standard repeatability [Max]	1 / 10 mg	1 mg	1 mg
Standard minimum weight (USP)	1 g	1 g	1 g
Standard minimum weight (U=1%, k=2)	0,1 g	0,1 g	0,1 g
Minimum weight (USP)	–	–	–
Minimum weight (U=1%,k=2)			
Repeatability (Max)	–	–	–
Repeatability (5% Max)			
Linearity	±2 / 20 mg	±2 mg	±2 mg
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
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	475×380×345 mm	475×380×345 mm	475×380×345 mm
Net weight	4,33 kg	3,54 kg	3,99 kg
Gross weight	5,5 kg	5 kg	5 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Components and software			
Database capacity	7	7	7
Features of use			
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
Power consumption	4 W	4 W	4 W
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Storage temperature			
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 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	20 mg	20 mg	20 mg
Readability [d]	1 mg	1 mg	1 mg
Verification unit [e]	10 mg	10 mg	10 mg
Tare range	-600 g	-750 g	-1000 g
Standard repeatability [5% Max]	0,5 mg	0,5 mg	0,5 mg
Standard repeatability [Max]	1,5 mg	1,5 mg	1,5 mg
Standard minimum weight (USP)	1 g	1 g	1 g
Standard minimum weight (U=1%, k=2)	0,1 g	0,1 g	0,1 g
Minimum weight (USP)	–	–	–
Minimum weight (U=1%,k=2)			
Repeatability (Max)	–	–	–
Repeatability (5% Max)			
Linearity	±3 mg	±3 mg	±3 mg
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
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	475×380×345 mm	475×380×345 mm	475×380×345 mm
Net weight	3,99 kg	3,9 kg	4,01 kg
Gross weight	5,5 kg	5 kg	5 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Components and software			
Database capacity	7	7	7
Features of use			
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
Power consumption	4 W	4 W	4 W
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Storage temperature			
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 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	500 mg	-	500 mg
Readability [d]	10 mg	1 mg	10 mg
Verification unit [e]	100 mg	-	100 mg
Tare range	-2100 g	-3000 g	-3500 g
Standard repeatability [5% Max]	5 mg	0,5 mg	5 mg
Standard repeatability [Max]	8 mg	1,5 mg	8 mg
Standard minimum weight (USP)	10 g	1 g	10 g
Standard minimum weight (U=1%, k=2)	1 g	0,1 g	1 g
Minimum weight (USP)			
Minimum weight (U=1%,k=2)			
Repeatability (Max)			
Repeatability (5% Max)			
Linearity	±20 mg	±6 mg	±20 mg
Stabilization time	1,5 s	3 s	1,5 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	-	II
Physical parameters			
Leveling system	manual	manual	manual
Display	5” graphic color touchscreen	5” graphic color touchscreen	5” graphic color touchscreen
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	475×380×345 mm	475×380×345 mm	475×380×345 mm
Net weight	4,33 kg	4,33 kg	4,33 kg
Gross weight	5,5 kg	5,5 kg	5,5 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Components and software			
Database capacity	7	7	7
Features of use			
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
Power consumption	4 W	4 W	4 W
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Storage temperature			
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 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	500 mg	500 mg	500 mg
Readability [d]	10 mg	10 mg	10 mg
Verification unit [e]	100 mg	100 mg	100 mg
Tare range	-4500 g	-6100 g	-8100 g
Standard repeatability [5% Max]	–	5 mg	5 mg
Standard repeatability [Max]		8 mg	10 mg
Standard minimum weight (USP)	–	10 g	10 g
Standard minimum weight (U=1%, k=2)		1 g	1 g
Minimum weight (USP)	10 g	–	–
Minimum weight (U=1%,k=2)	1 g		
Repeatability (Max)	8 mg	–	–
Repeatability (5% Max)	5 mg		
Linearity	±20 mg	±20 mg	±20 mg
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
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	475×380×345 mm	475×380×345 mm	475×380×345 mm
Net weight	4,33 kg	4,33 kg	4,33 kg
Gross weight	5,5 kg	6,5 kg	5,5 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Components and software			
Database capacity	7	7	7
Features of use			
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
Power consumption	4 W	4 W	4 W
Environmental conditions			
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
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	-
Readability [d]	10 mg
Verification unit [e]	-
Tare range	-10100 g
Standard repeatability [5% Max]	5 mg
Standard repeatability [Max]	12 mg
Standard minimum weight (USP)	10 g
Standard minimum weight (U=1%, k=2)	1 g
Minimum weight (USP)	
Minimum weight (U=1%,k=2)	
Repeatability (Max)	
Repeatability (5% Max)	
Linearity	±20 mg
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	-
Physical parameters	
Leveling system	manual
Display	5” graphic color touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Device dimensions	333x206x107 mm
Packaging dimensions	475×380×345 mm
Net weight	4,33 kg
Gross weight	5,5 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	7
Features of use	
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
Power consumption	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
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.

Extra payment for verification

Accessories

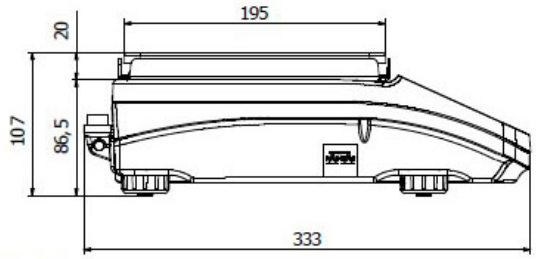
Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT
Barcode scanners
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Displays
Draft Shield
Receipt Printer
Protective cover for balances
RS 232, RS 485 cables
Additional modules
Protective cover for balances
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

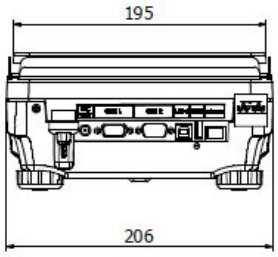
Software

RAD-KEY
R-LAB
RADWAG Development Studio
Alibi Reader
Scales Editor 2.1

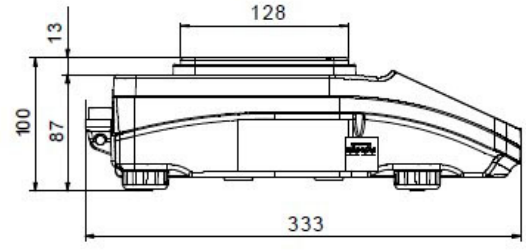
Device dimensions

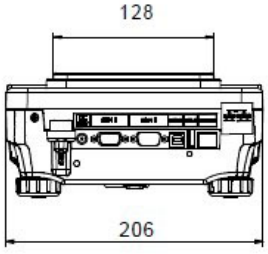
PS 2100.X2.M Precision Balance, PS 3500.X2.M Precision Balance, PS 10100.X2.M Precision Balance, PS 4500.X2.M Precision Balance, PS 6100.X2.M Precision Balance, PS 8100.X2.M Precision Balance

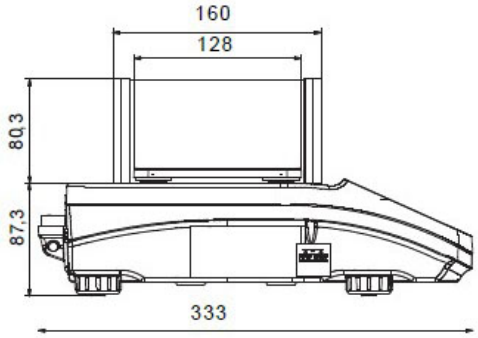




PS 200/2000.X2 Precision Balance, PS 210.X2 Precision Balance, PS 600.X2 Precision Balance, PS 360.X2 Precision Balance, PS 1000.X2 Precision Balance, PS 750.X2 Precision Balance



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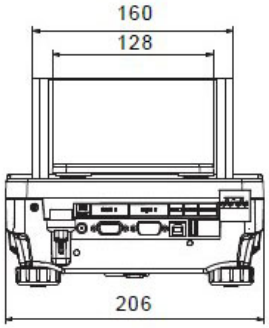
128
80,3
87,3
333


160
128
206