



More information on the website
radwag.com/en/info,w1,W30

PS 210.R2 Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	210 g
Minimum load	20 mg
Readability [d]	0,001 g
Verification scale interval [e]	0,01 g
Tare range	-210 g
Repeatability (Max)	0,001 g
Repeatability (5% Max)	0,0005 g

Metrological parameters	
Linearity	±0,002 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,7 kg
Gross weight	5,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.



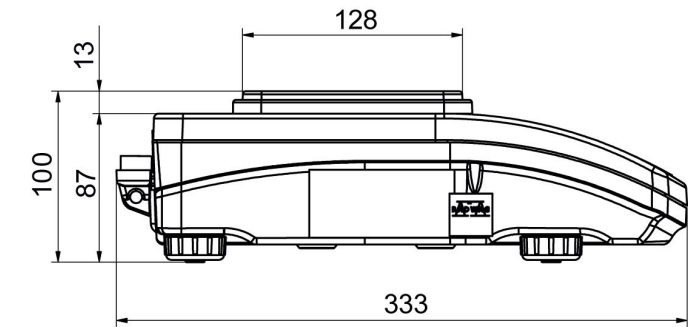
Accessories

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	AP2-1 Current Loop Unit
USB cable (scale - printer)	RPANEL BOX
Receipt Printer	Protective cover for balances
Density determination KIT	RS 232, RS 485 cables
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-Pan Weighing Rack
Antivibration Tables	RS 232 cables (scale - printer)

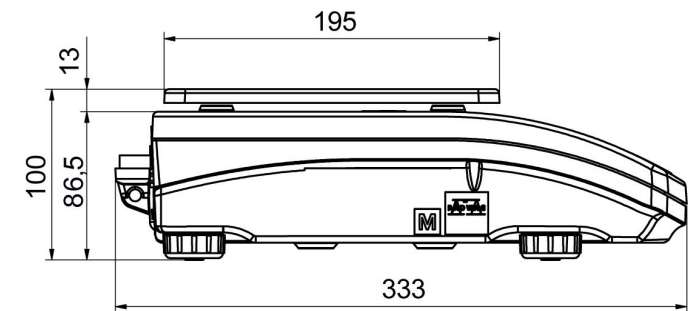
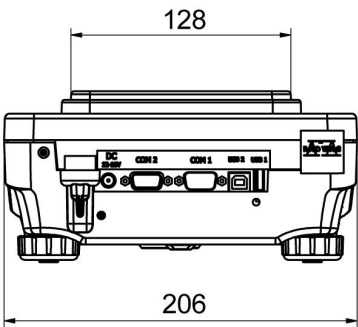
Software

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

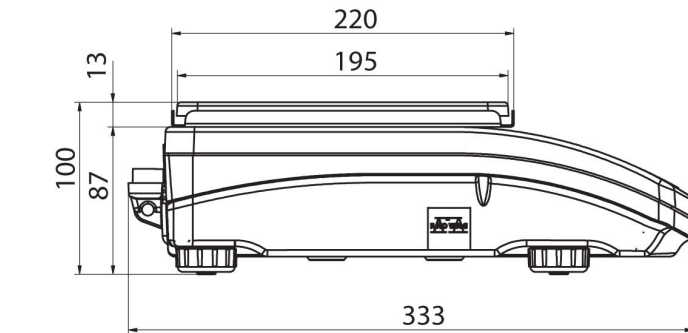
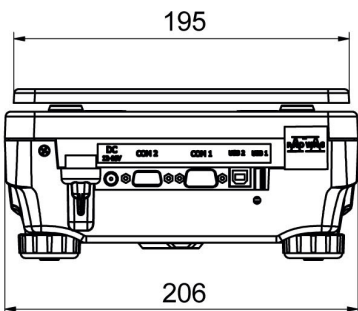
Device dimensions



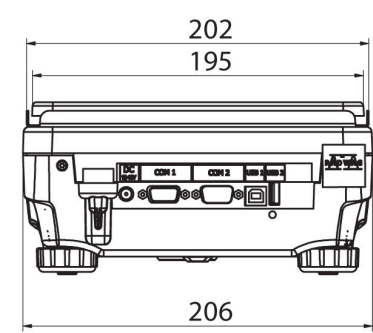
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,W6Y

PS 360.R2 Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	360 g
Minimum load	20 mg
Readability [d]	0,001 g
Verification scale interval [e]	0,01 g
Tare range	-360 g
Repeatability (Max)	0,001 g
Repeatability (5% Max)	0,0005 g

Metrological parameters	
Linearity	±0,002 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,7 kg
Gross weight	5,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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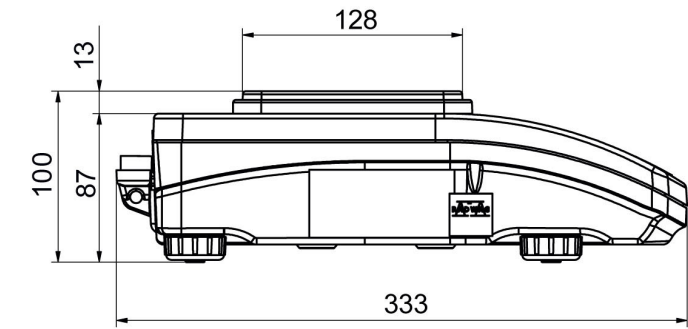
Accessories

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	AP2-1 Current Loop Unit
USB cable (scale - printer)	RPANEL BOX
Receipt Printer	Protective cover for balances
Density determination KIT	RS 232, RS 485 cables
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-Pan Weighing Rack
Antivibration Tables	RS 232 cables (scale - printer)

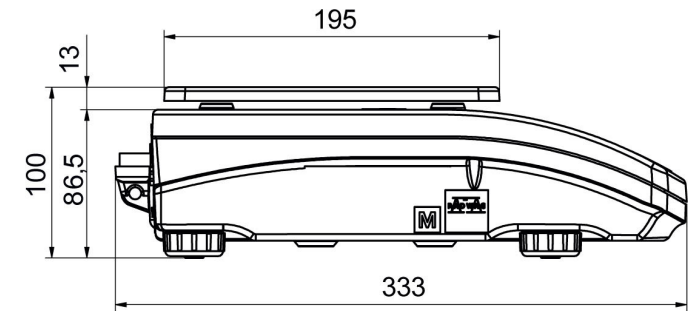
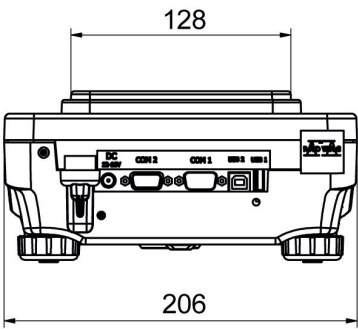
Software

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

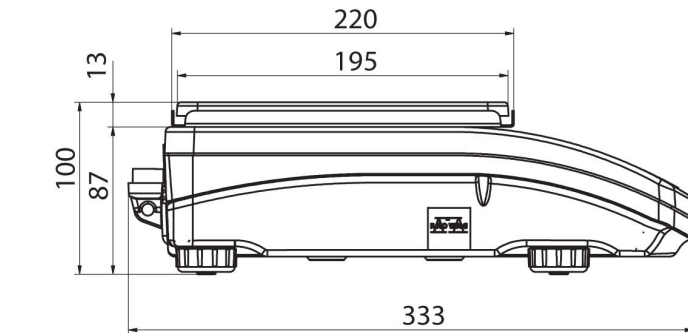
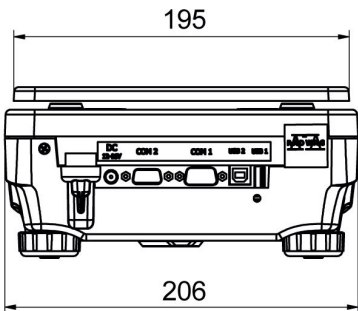
Device dimensions



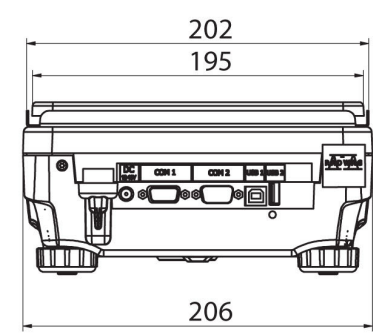
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,FV9

PS 600.R2 Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	600 g
Minimum load	20 mg
Readability [d]	0,001 g
Verification scale interval [e]	0,01 g
Tare range	-600 g
Repeatability (Max)	0,0015 g
Repeatability (5% Max)	0,0005 g

Metrological parameters	
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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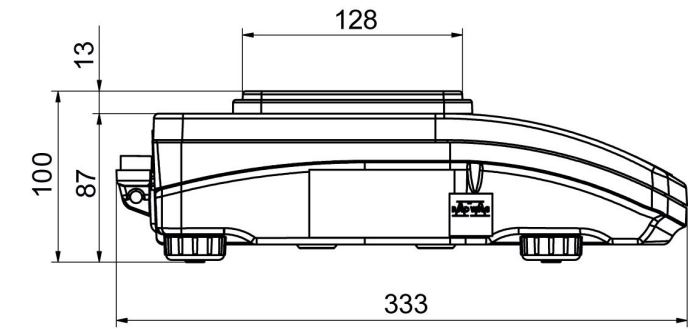
Accessories

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	AP2-1 Current Loop Unit
USB cable (scale - printer)	RPANEL BOX
Receipt Printer	Protective cover for balances
Density determination KIT	RS 232, RS 485 cables
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-Pan Weighing Rack
Antivibration Tables	RS 232 cables (scale - printer)

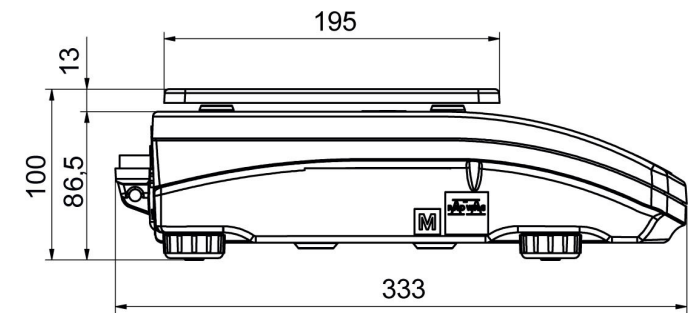
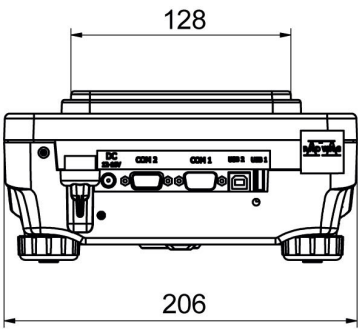
Software

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

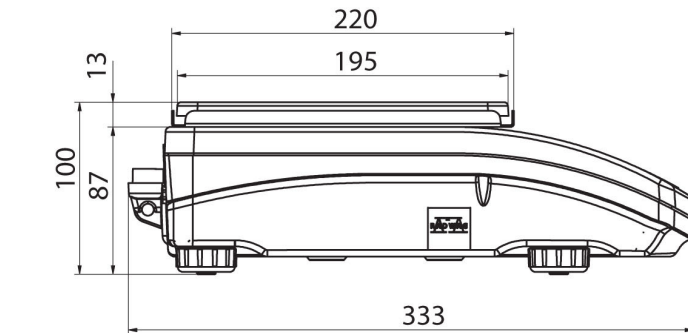
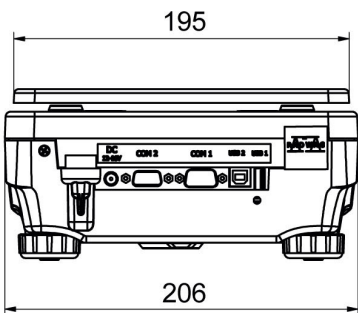
Device dimensions



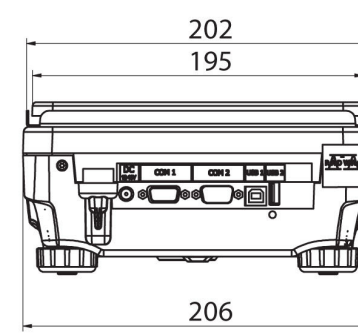
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





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

PS 750.R2 Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	750 g
Minimum load	20 mg
Readability [d]	0,001 g
Verification scale interval [e]	0,01 g
Tare range	-750 g
Repeatability (Max)	0,0015 g
Repeatability (5% Max)	0,0005 g

Metrological parameters	
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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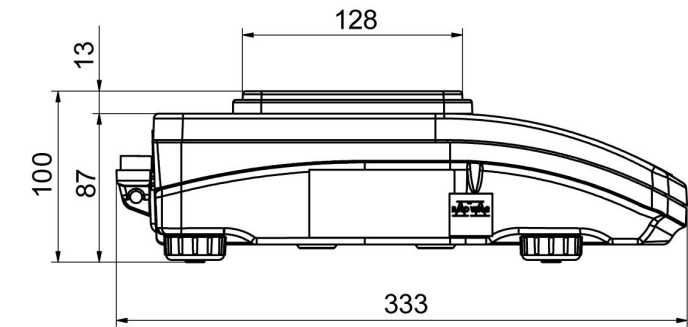
Accessories

Balance Storage Case	Displays
Barcode scanners	Draft Shield
Cigarette lighter receptacle power supply cables	AP2-1 Current Loop Unit
USB cable (scale - printer)	RPANEL BOX
Receipt Printer	Protective cover for balances
Density determination KIT	RS 232, RS 485 cables
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	Under-Pan Weighing Rack
Antivibration Tables	RS 232 cables (scale - printer)

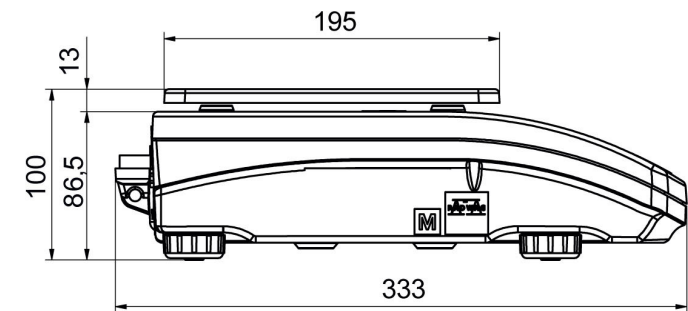
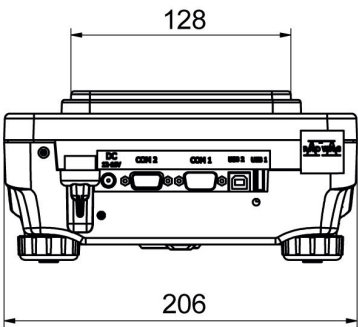
Software

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

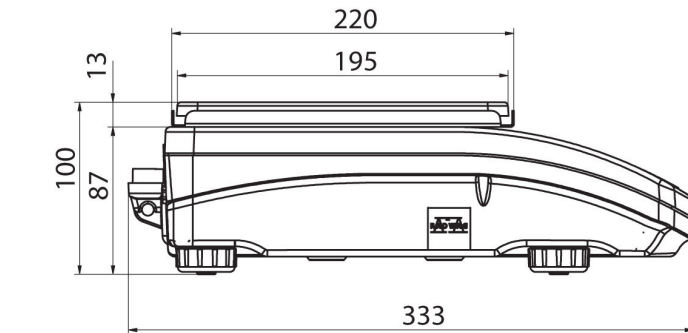
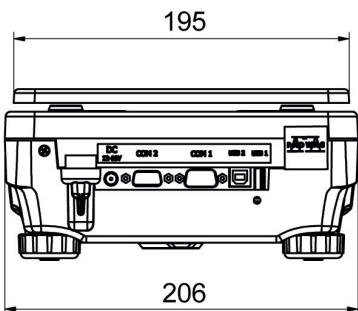
Device dimensions



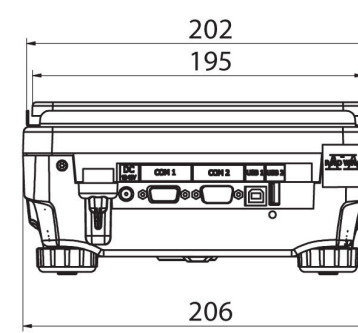
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,PP6

PS 1000.R2 Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	1000 g
Minimum load	20 mg
Readability [d]	0,001 g
Verification scale interval [e]	0,01 g
Tare range	-1000 g
Repeatability (Max)	0,0015 g
Repeatability (5% Max)	0,0005 g

Metrological parameters	
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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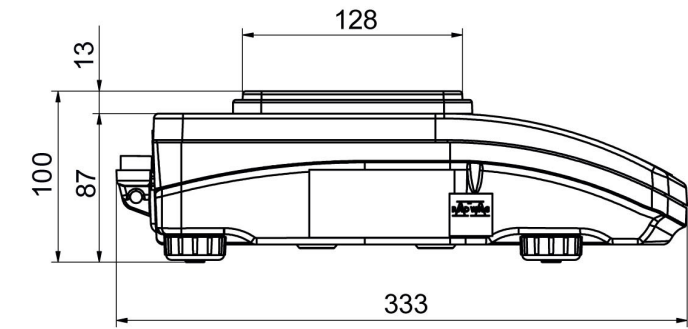
Accessories

Balance Storage Case	Draft Shield
Barcode scanners	AP2-1 Current Loop Unit
Cigarette lighter receptacle power supply cables	RPANEL BOX
USB cable (scale - printer)	Protective cover for balances
Receipt Printer	RS 232, RS 485 cables
Density determination KIT	Under-Pan Weighing Rack
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	RS 232 cables (scale - printer)
Displays	

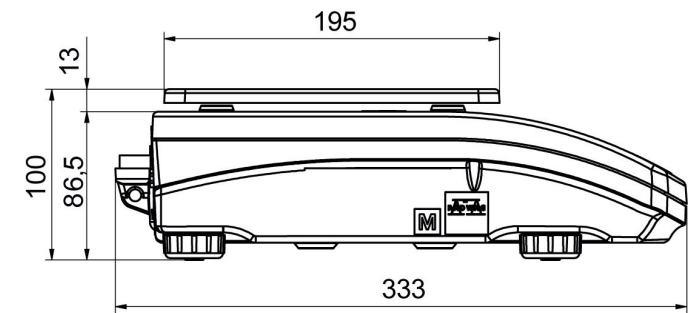
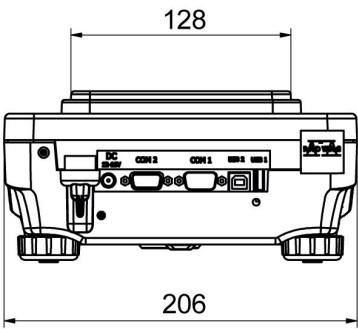
Software

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

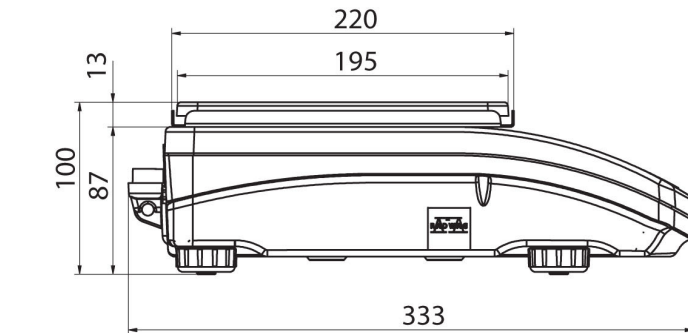
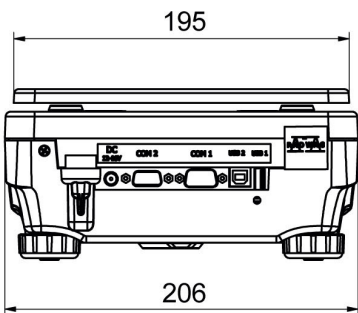
Device dimensions



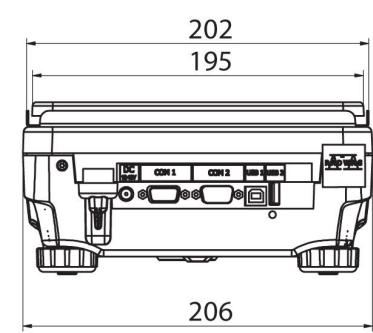
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,3YL

PS 8100.R2.M Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	8100 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-8100 g
Minimum weight (USP)	10 g
Minimum weight (U=1%,k=2)	1 g

Metrological parameters	
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	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Device dimensions	333×206×107 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6,1 kg
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A 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.

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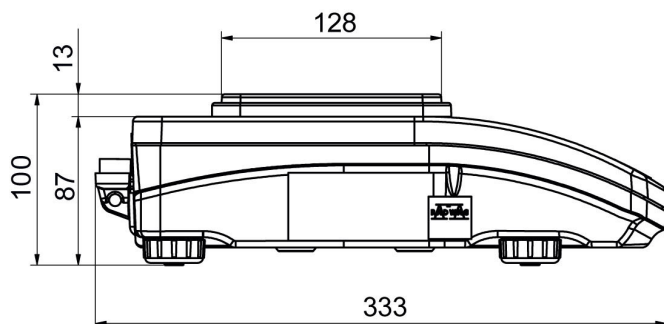
Accessories

Balance Storage Case
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Displays
Density determination KIT

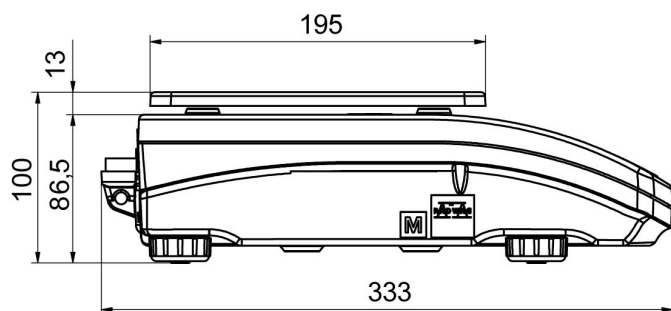
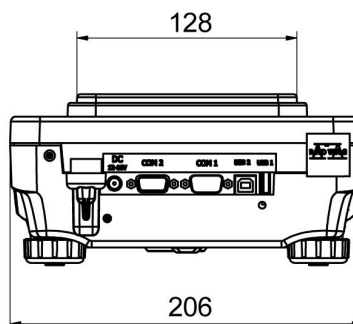
Protective cover for balances
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

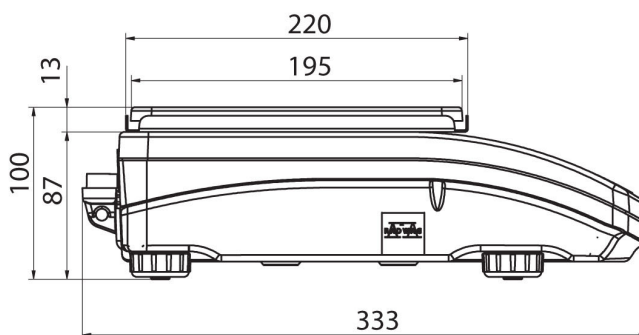
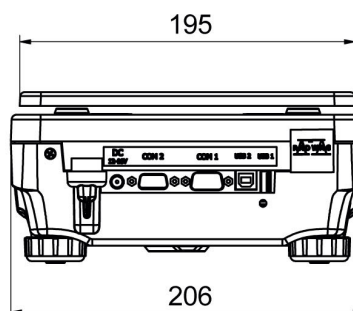
Device dimensions



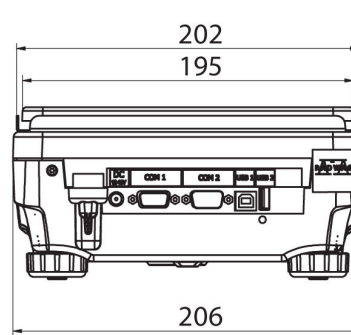
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,0TW

PS 10100.R2.M Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

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

Metrological parameters	
Repeatability (Max)	0,012 g
Repeatability (5% Max)	0,005 g
Linearity	±0,03 g
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	-
Sensitivity temperature drift	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
Protection class	IP 43
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Device dimensions	333×206×107 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6,1 kg
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A 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.

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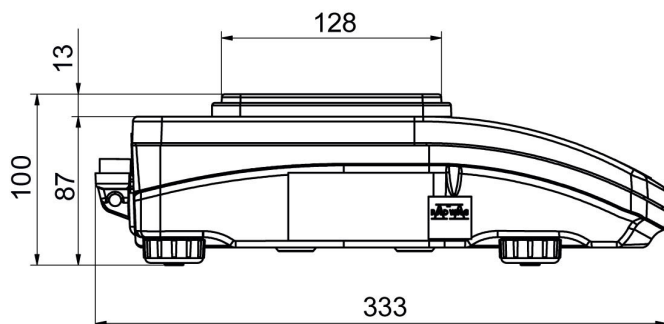
Accessories

Balance Storage Case
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Displays
Density determination KIT

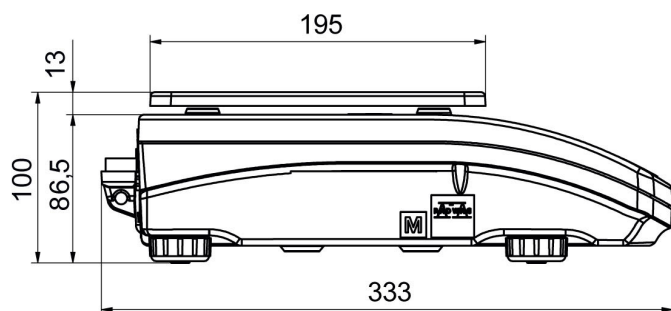
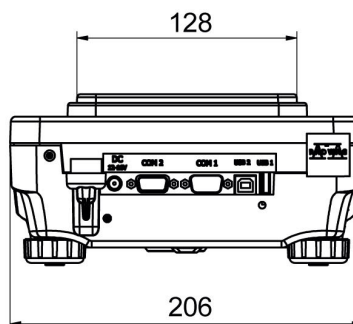
Protective cover for balances
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

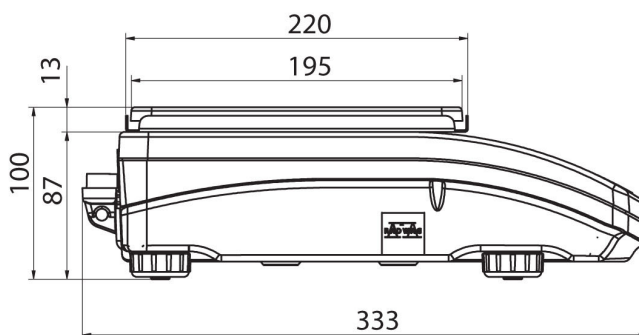
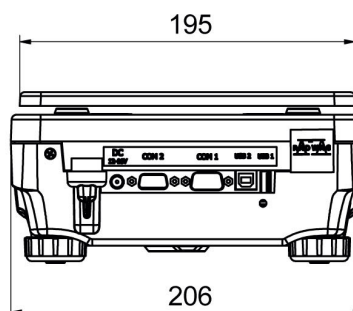
Device dimensions



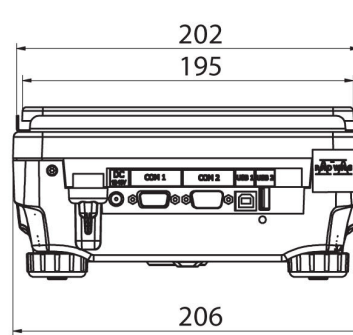
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





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

PS 4500.R2.M Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	4500 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-4500 g
Minimum weight (USP)	10 g
Minimum weight (U=1%,k=2)	1 g

Metrological parameters	
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	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Device dimensions	333×206×107 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6,1 kg
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Storage temperature	-20 ÷ +50 °C

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
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Displays
Density determination KIT

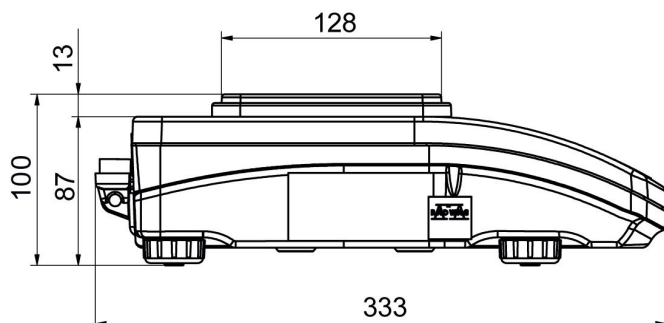
Protective cover for balances
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

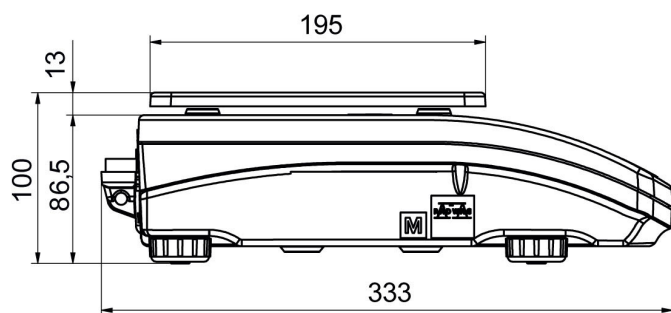
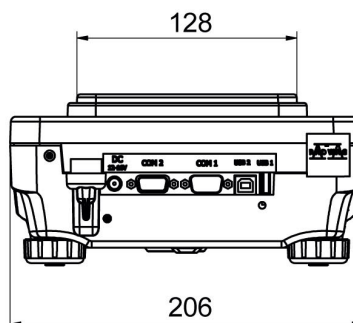
RAD-KEY

LabVIEW Driver

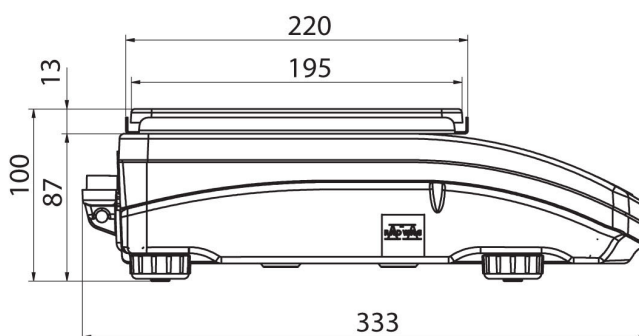
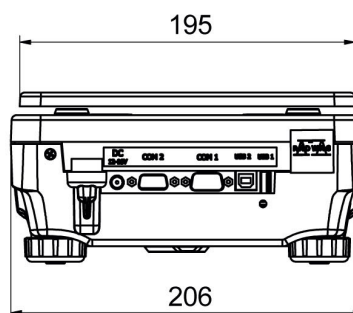
Device dimensions



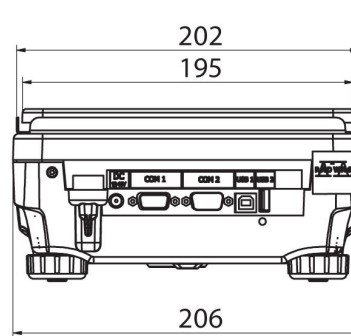
PS R, d = 1 mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,40C

PS 6100.R2.M Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	6100 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-6100 g
Minimum weight (USP)	10 g
Minimum weight (U=1%,k=2)	1 g

Metrological parameters	
Repeatability (Max)	0,008 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	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Device dimensions	333×206×107 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6,1 kg
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A 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.

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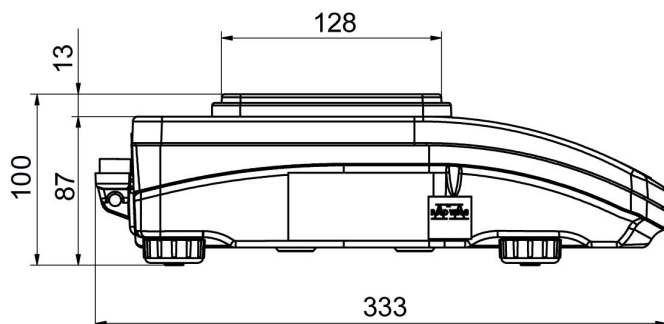
Accessories

Balance Storage Case
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Displays
Density determination KIT

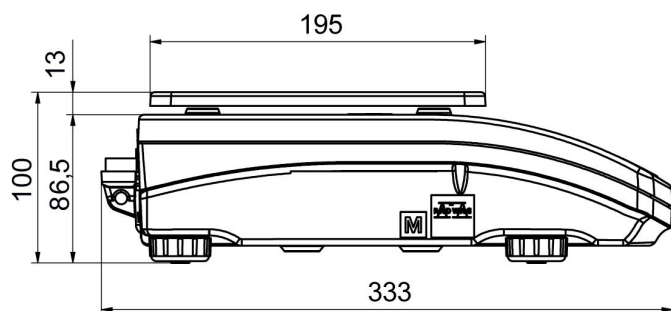
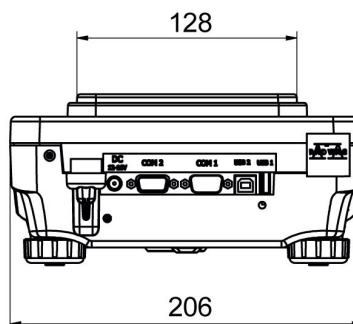
Protective cover for balances
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

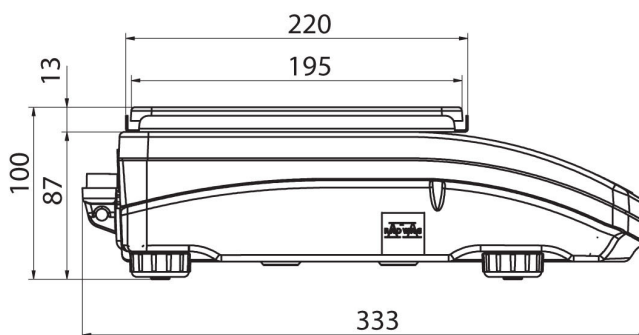
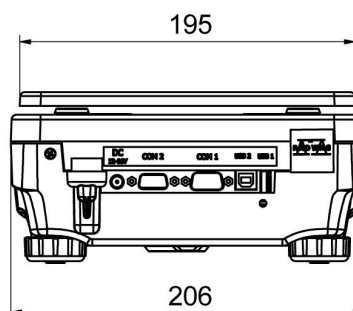
Device dimensions



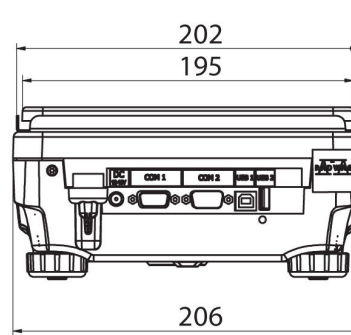
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,E3S

PS 2100.R2.M Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	2100 g
Minimum load	500 mg
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-2100 g
Repeatability (Max)	0,008 g
Repeatability (5% Max)	0,005 g

Metrological parameters	
Linearity	±0,02 g
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Packaging dimensions	470×380×336 mm
Net weight	4,3 kg
Gross weight	5,8 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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Accessories

Balance Storage Case
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Displays
Density determination KIT

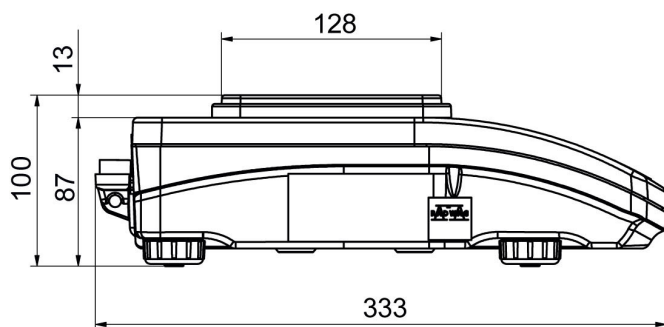
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Protective cover for balances
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

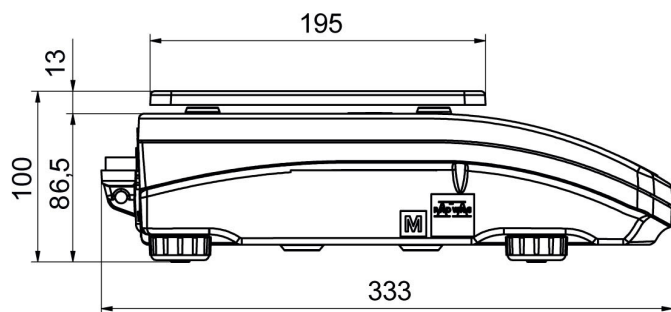
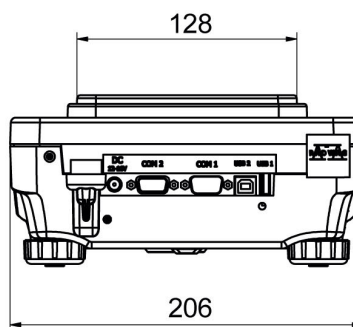
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

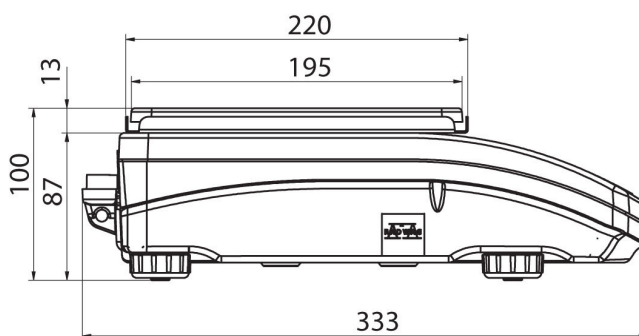
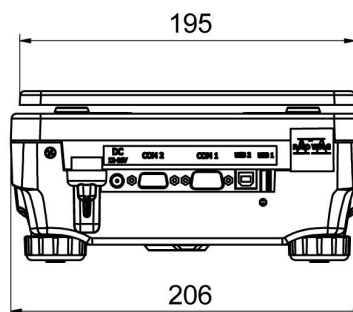
Device dimensions



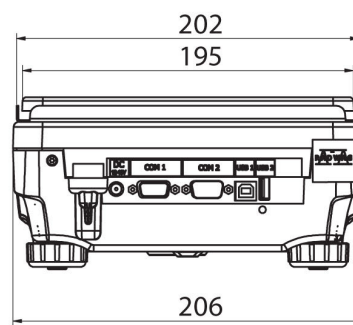
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





More information on the website
radwag.com/en/info,w1,GT1

PS 3500.R2.M Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	3500 g
Minimum load	500 mg
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-3500 g
Repeatability (Max)	0,008 g
Repeatability (5% Max)	0,005 g

Metrological parameters	
Linearity	±0,02 g
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply.
Weighing pan dimensions	195×195 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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Accessories

Balance Storage Case
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Displays
Density determination KIT

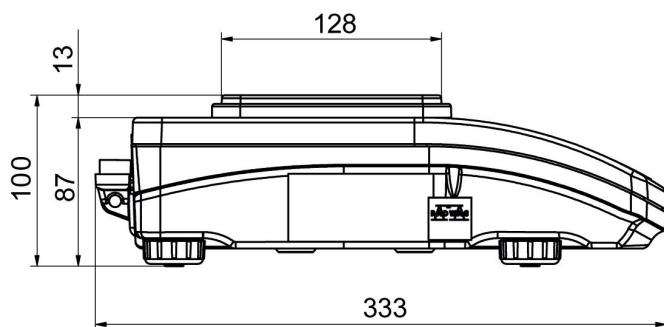
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Protective cover for balances
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

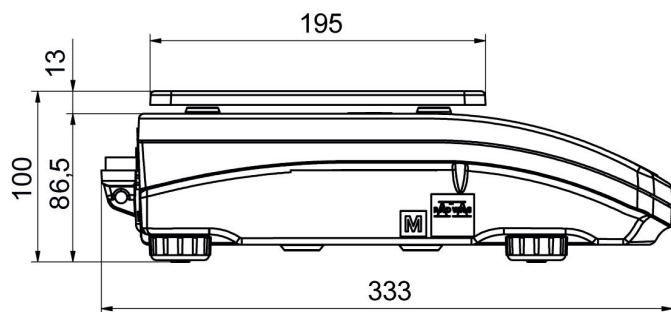
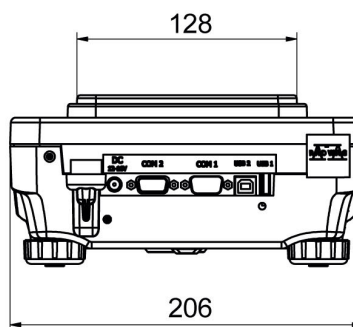
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

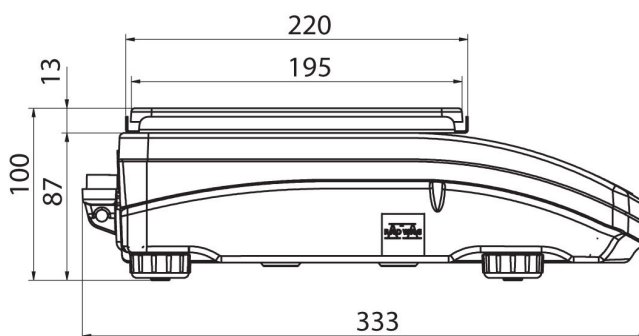
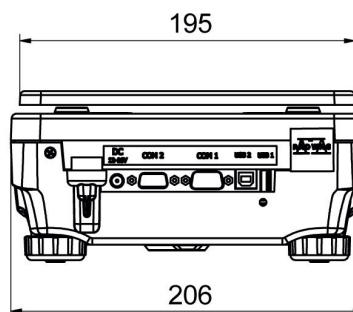
Device dimensions



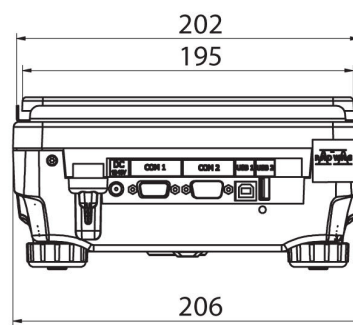
PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg





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

PS 200/2000.R2 Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit
measurement



Statistics



Checkweighing



GLP Procedures



Animal weighing



Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	200 / 2000 g
Minimum load	20 mg
Readability [d]	0,001 / 0,01 g
Verification scale interval [e]	0,01/0,1 g
Tare range	-2000 g
Repeatability (Max)	0,001 / 0,01 g
Repeatability (5% Max)	0,0005 / 0,005 g

Metrological parameters	
Linearity	±0,002 / 0,02 g
Stabilization time	2 / 1,5 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, grounding foot ×1, foot ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	470×380×336 mm
Net weight	3,9 kg
Gross weight	5,5 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232 ¹ , USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

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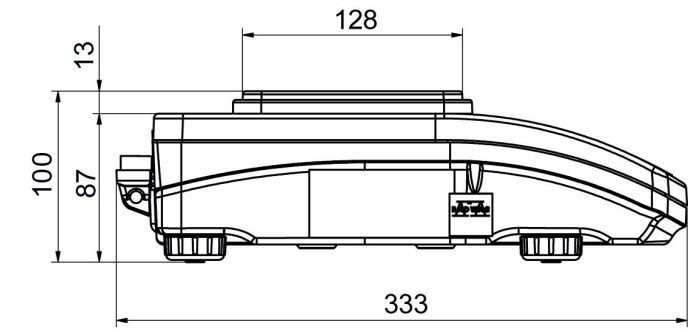
Accessories

Balance Storage Case	Displays
Barcode scanners	AP2-1 Current Loop Unit
Cigarette lighter receptacle power supply cables	RPANEL BOX
USB cable (scale - printer)	Protective cover for balances
Receipt Printer	RS 232, RS 485 cables
Density determination KIT	Under-Pan Weighing Rack
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	RS 232 cables (scale - printer)
Antivibration Tables	

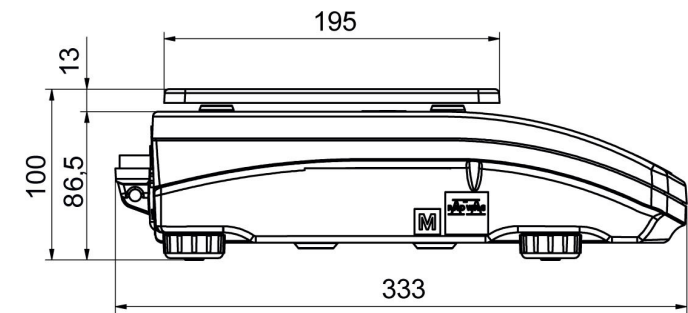
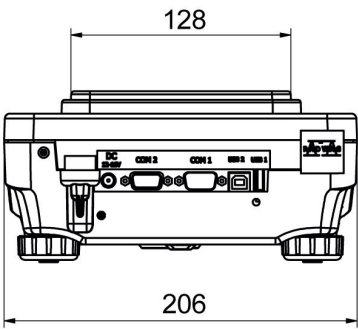
Software

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

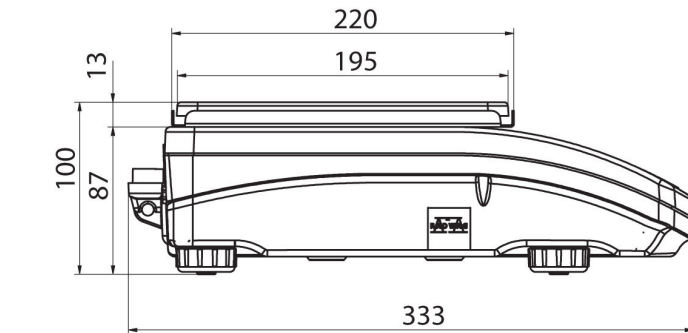
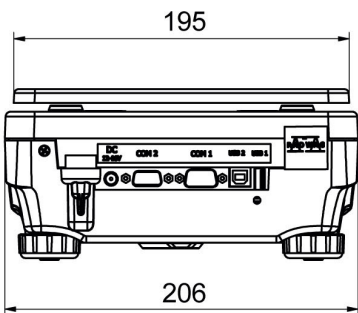
Device dimensions



PS R, d = 1mg



PS R, d = 10 mg



PS R.M, d = 10 mg

