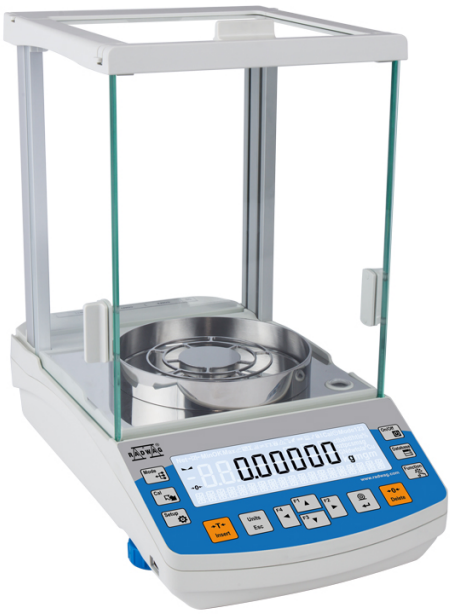
radwag.com

AS 60/220.R2 PLUS Analytical Balance

More information on the website
radwag.com/en/info,w1,NQ5



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]	60 / 220 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg
Verification scale interval [e]	1 mg
Tare range	-220 g
Standard repeatability [5% Max]	0,012 mg
Standard repeatability [Max]	0,08 mg

Metrological parameters	
Standard minimum weight (USP)	24 mg
Standard minimum weight (U=1%, k=2)	2,4 mg
Permissible repeatability [5% Max]	0,02 mg
Permissible repeatability [Max]	0,1 mg
Linearity	±0,05/0,2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover .
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	550×455×565 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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

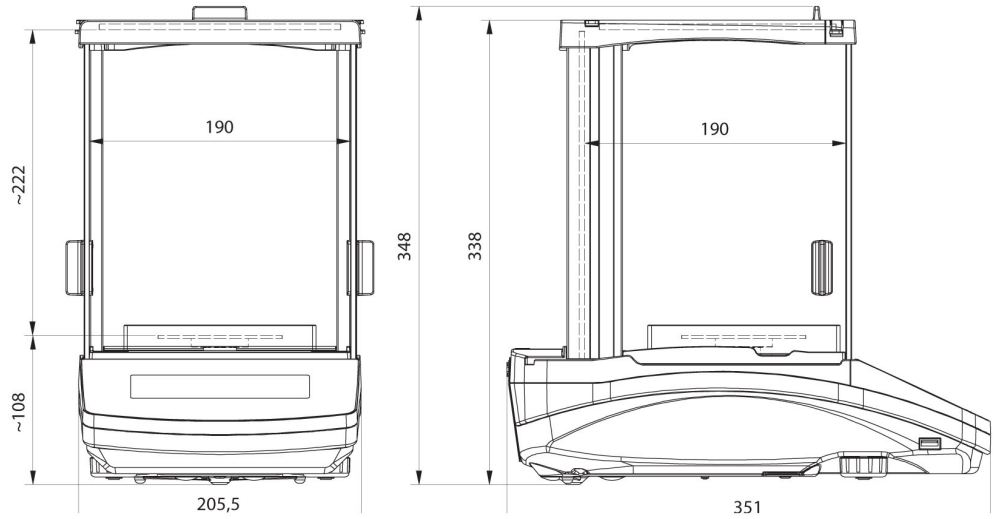
Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

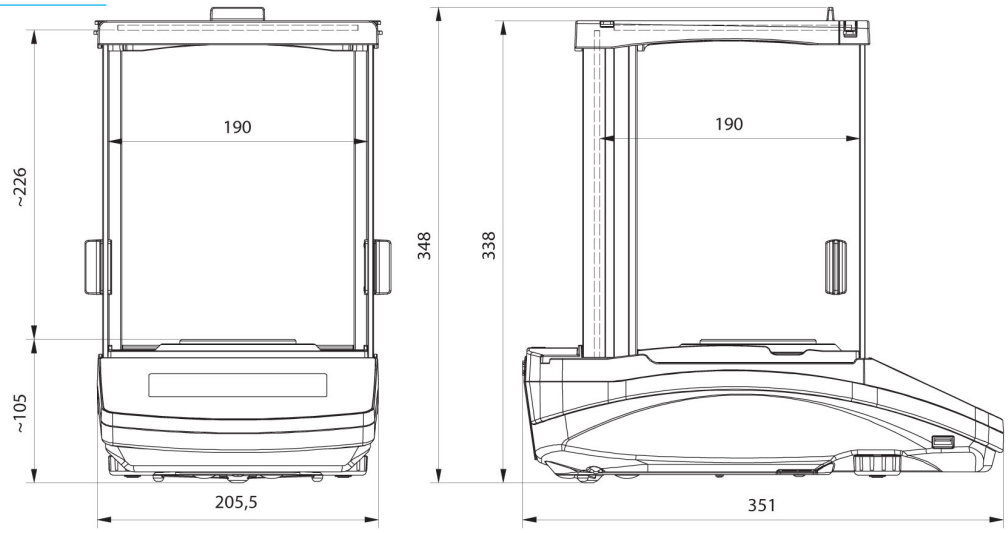
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS R2, d = 0.01 mg

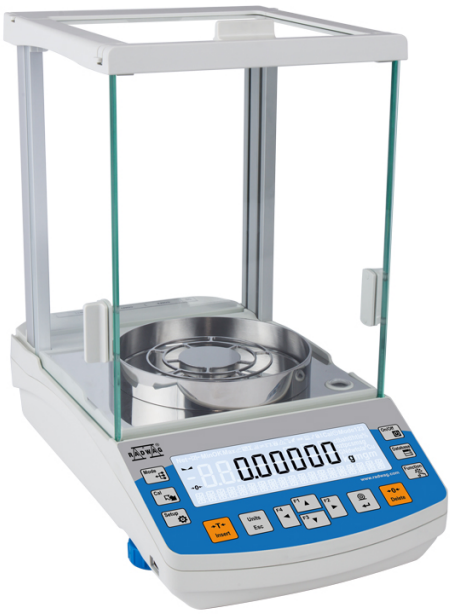


AS R2, AS R1 d = 0.1 mg

radwag.com

AS 62.R2 PLUS Analytical Balance

More information on the website
radwag.com/en/info,w1,DP0



Datasheet

Metrological parameters	
Maximum capacity [Max]	62 g
Minimum load	1 mg
Readability [d]	0,01 mg
Verification scale interval [e]	1 mg
Tare range	-62 g
Standard repeatability [5% Max]	0,012 mg
Standard repeatability [Max]	0,02 mg
Standard minimum weight (USP)	24 mg
Standard minimum weight (U=1%, k=2)	2,4 mg
Permissible repeatability [5% Max]	0,02 mg
Permissible repeatability [Max]	0,035 mg
Linearity	±0,05 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I

Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover .
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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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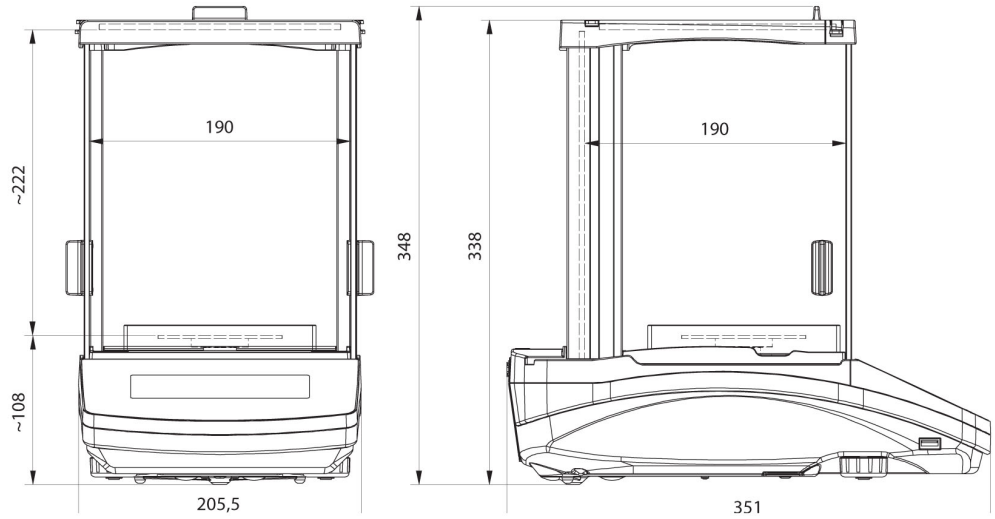
Accessories

Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

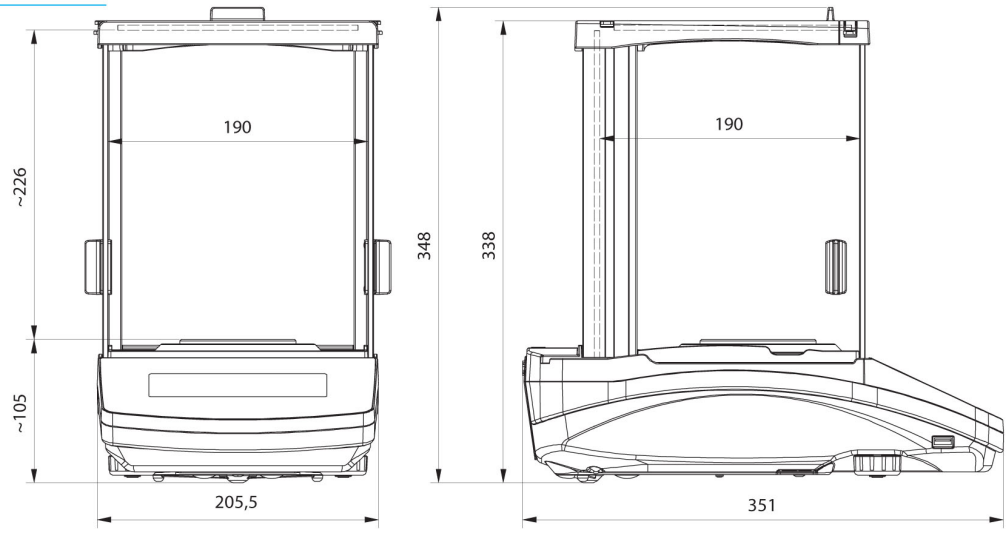
Software

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

Device dimensions



AS R2, d = 0.01 mg

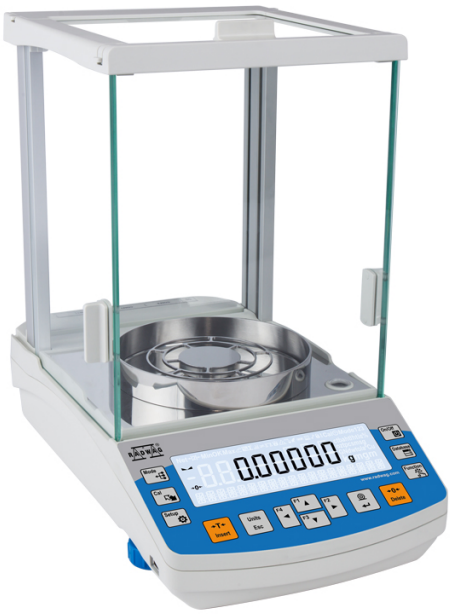


AS R2, AS R1 d = 0.1 mg

radwag.com

AS 82/220.R2 PLUS Analytical Balance

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



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]	82 / 220 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg
Verification scale interval [e]	1 mg
Tare range	-220 g
Standard repeatability [5% Max]	0,012 mg
Standard repeatability [Max]	0,08 mg

Metrological parameters	
Standard minimum weight (USP)	24 mg
Standard minimum weight (U=1%, k=2)	2,4 mg
Permissible repeatability [5% Max]	0,02 mg
Permissible repeatability [Max]	0,1 mg
Linearity	±0,05/0,2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover .
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	550×455×565 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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

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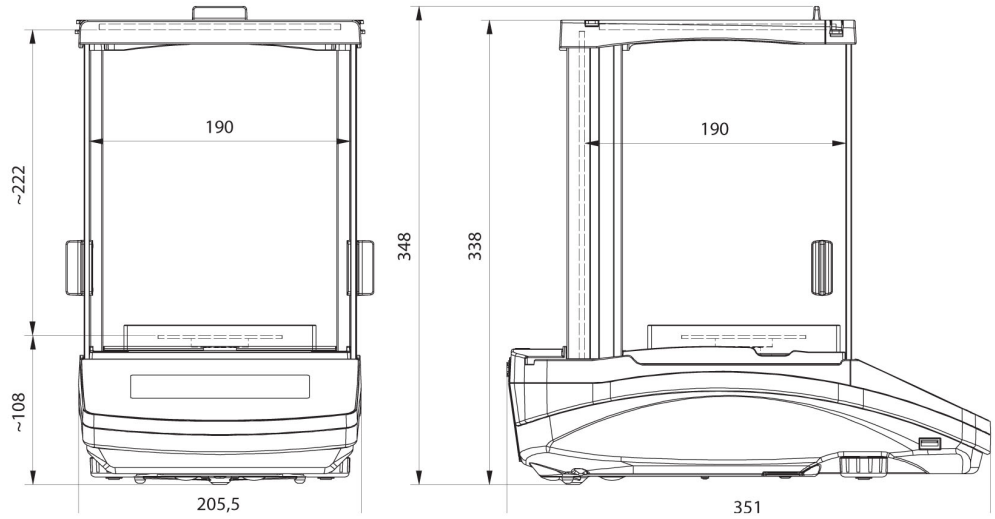
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

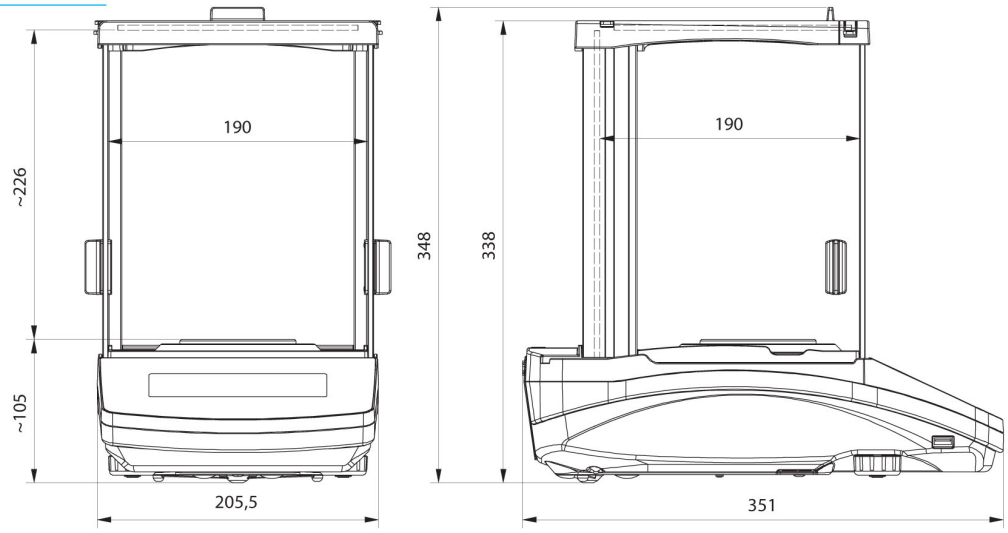
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg

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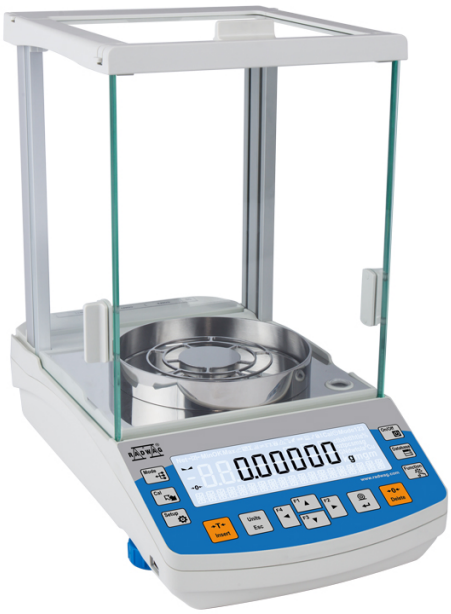
AS 120.R2 PLUS Analytical Balance

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



Datasheet

Metrological parameters	
Maximum capacity [Max]	120 g
Minimum load	1 mg
Readability [d]	0,01 mg
Verification scale interval [e]	1 mg
Tare range	-120 g
Standard repeatability [5% Max]	0,012 mg
Standard repeatability [Max]	0,03 mg
Standard minimum weight (USP)	24 mg
Standard minimum weight (U=1%, k=2)	2,4 mg
Permissible repeatability [5% Max]	0,02 mg
Permissible repeatability [Max]	0,05 mg
Linearity	±0,07 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I

Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply, fabric dust cover .
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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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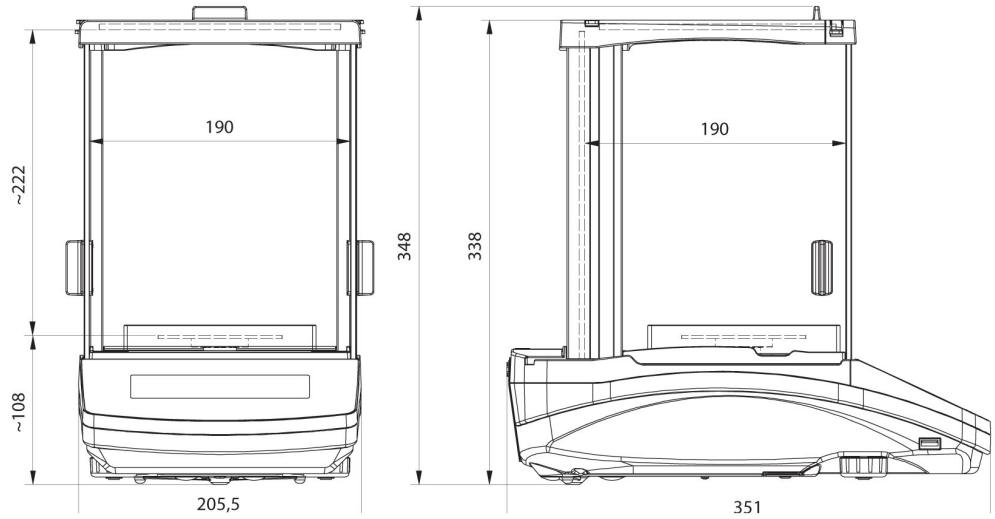
Accessories

Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

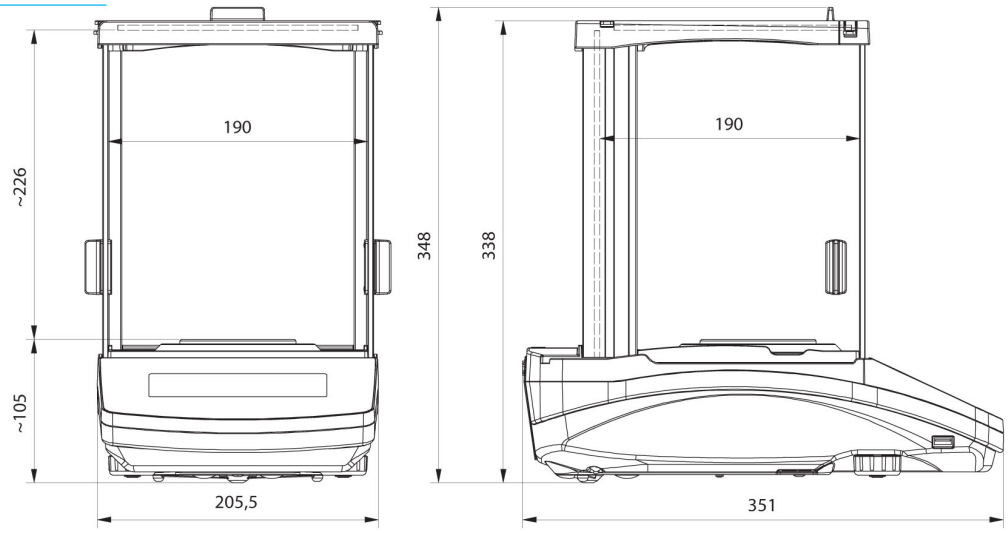
Software

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

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg

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AS 220.R2 PLUS Analytical Balance

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

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]	220 g
Minimum load	10 mg
Readability [d]	0,1 mg
Verification scale interval [e]	1 mg
Tare range	-220 g
Standard repeatability [5% Max]	0,07 mg
Standard repeatability [Max]	0,08 mg

Metrological parameters	
Standard minimum weight (USP)	140 mg
Standard minimum weight (U=1%, k=2)	14 mg
Permissible repeatability [5% Max]	0,09 mg
Permissible repeatability [Max]	0,1 mg
Linearity	±0,2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply.
Weighing pan dimensions	ø100 mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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

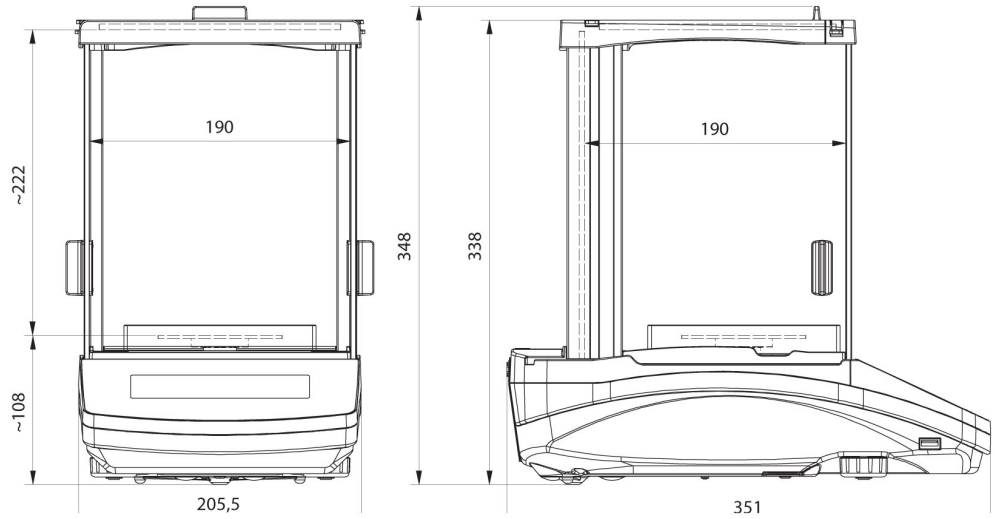
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Antivibration Tables
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

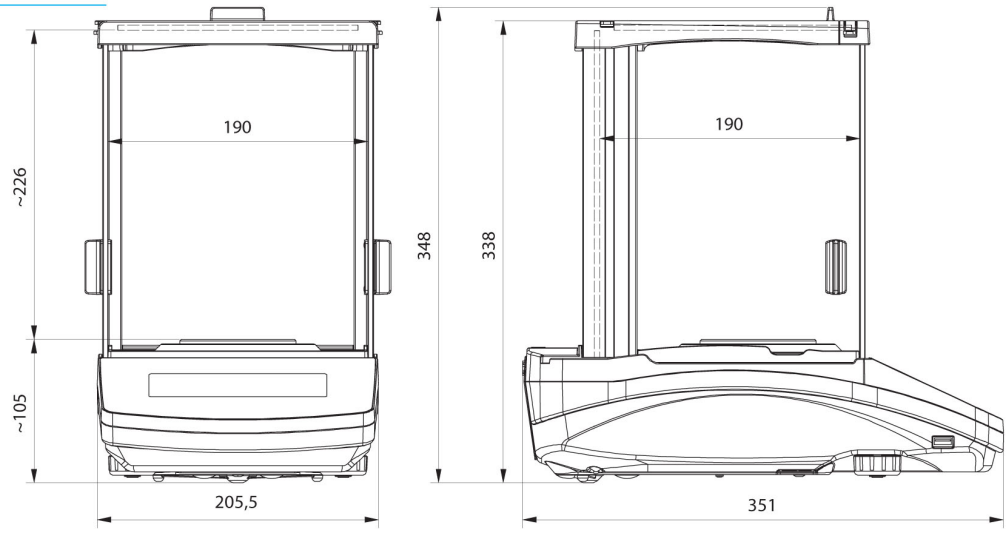
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg

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AS 310.R2 PLUS Analytical Balance

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

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]	310 g
Minimum load	10 mg
Readability [d]	0,1 mg
Verification scale interval [e]	1 mg
Tare range	-310 g
Standard repeatability [5% Max]	0,08 mg
Standard repeatability [Max]	0,12 mg

Metrological parameters	
Standard minimum weight (USP)	160 mg
Standard minimum weight (U=1%, k=2)	16 mg
Permissible repeatability [5% Max]	0,12 mg
Permissible repeatability [Max]	0,15 mg
Linearity	±0,2 mg
Stabilization time	2,5 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply.
Weighing pan dimensions	ø100 mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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

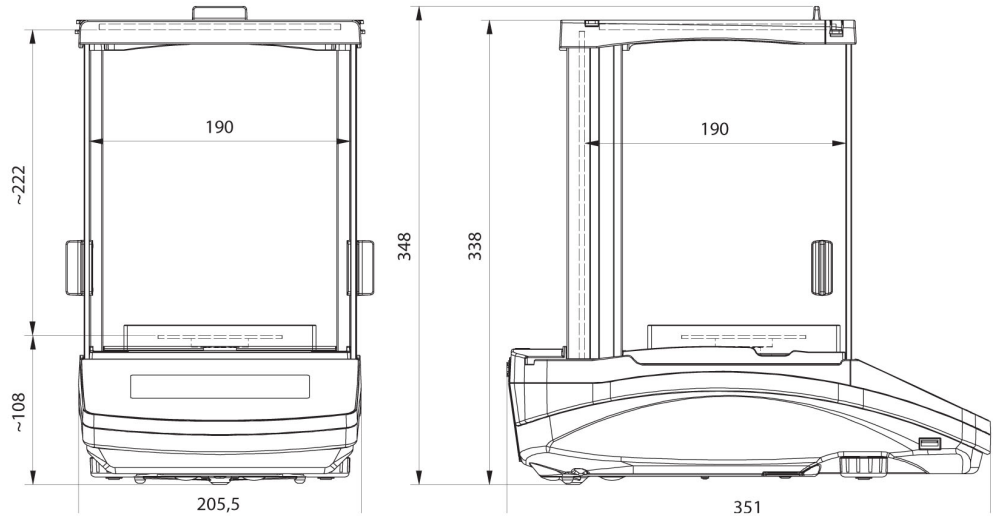
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Antivibration Tables
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

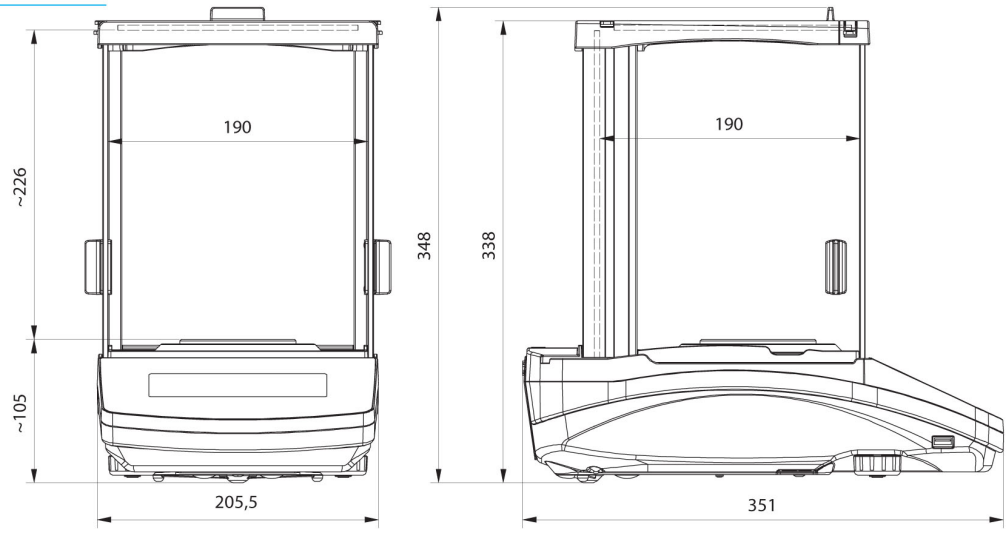
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg

radwag.com

AS 520.R2 PLUS Analytical Balance

More information on the website
radwag.com/en/info,w1,N7Z

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]	520 g
Minimum load	-
Readability [d]	0,1 mg
Verification scale interval [e]	-
Tare range	-520 g
Standard repeatability [5% Max]	0,08 mg
Standard repeatability [Max]	0,25 mg

Metrological parameters	
Standard minimum weight (USP)	160 mg
Standard minimum weight (U=1%, k=2)	16 mg
Permissible repeatability [5% Max]	0,12 mg
Permissible repeatability [Max]	0,4 mg
Linearity	±0,6 mg
Stabilization time	2,5 s
Adjustment	internal (automatic)
OIML Class	-
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply.
Weighing pan dimensions	ø100 mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232[1], 2×USB-A (interchangeable), 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
Power consumption max.	3 W
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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CE 2 YEARS

Accessories

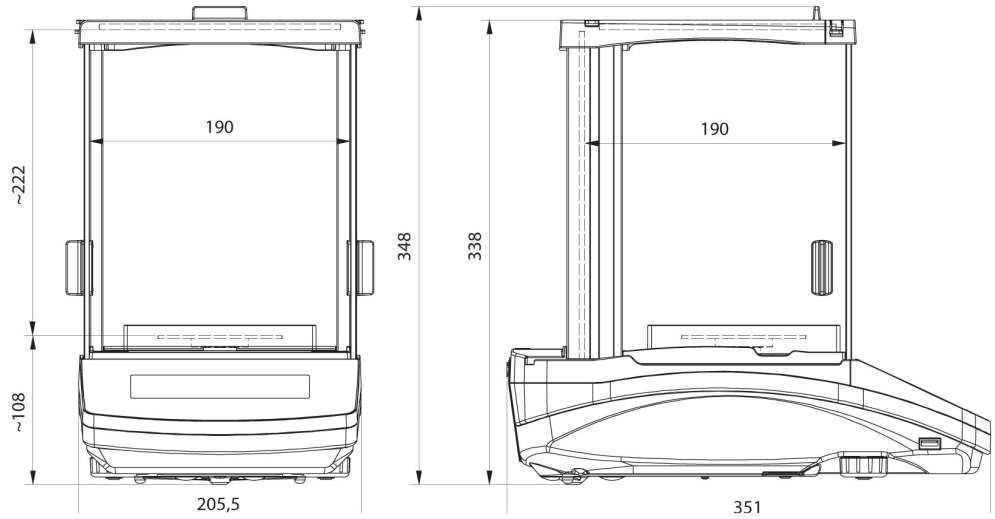
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Antivibration Tables
Displays
Protective cover for balances
Antistatic ionizer
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

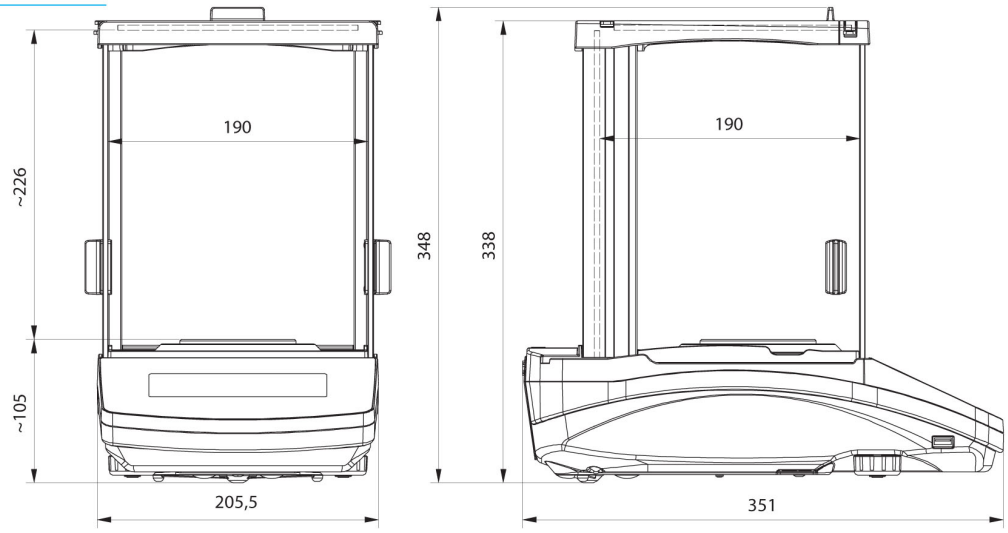
RAD-KEY
R Panel
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg