radwag.com

AS 220.X2 PLUS Analytical Balance

More information on the website
radwag.com/en/info,w1,TS2

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
- ALIBI Memory
- Mass for titrator
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	220 g
Minimum load	10 mg
Readability [d]	0,1 mg
Tare range	-220 g

Metrological parameters	
Verification scale interval [e]	1 mg
Linearity	±0,2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I
Standard repeatability [5% Max]	0,06 mg
Standard repeatability [Max]	0,07 mg
Standard minimum weight (USP)	120 mg
Standard minimum weight (U=1%, k=2)	12 mg
Permissible repeatability [5% Max]	0,09 mg
Permissible repeatability [Max]	0,1 mg
Physical parameters	
Display	5” capacitive colour touchscreen
Weighing chamber dimensions	190×190×222 mm
Weighing pan dimensions	ø100 mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	RS232, 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Power consumption max.	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °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.

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

Accessories

Receipt Printer
Granite Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Holders for test tubes and filters
Workstation for Pipettes Calibration
Displays
Protective cover for balances
Antistatic ionizer

Density determination kit
Power Adapters
USB cable (scale - printer)
Professional weighing table

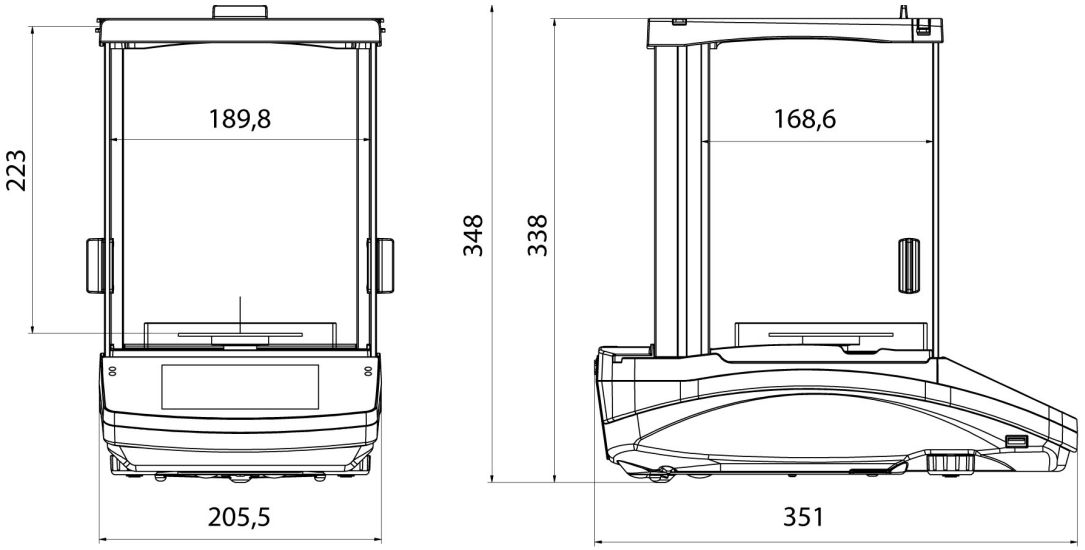
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - EPSON printer)

Software

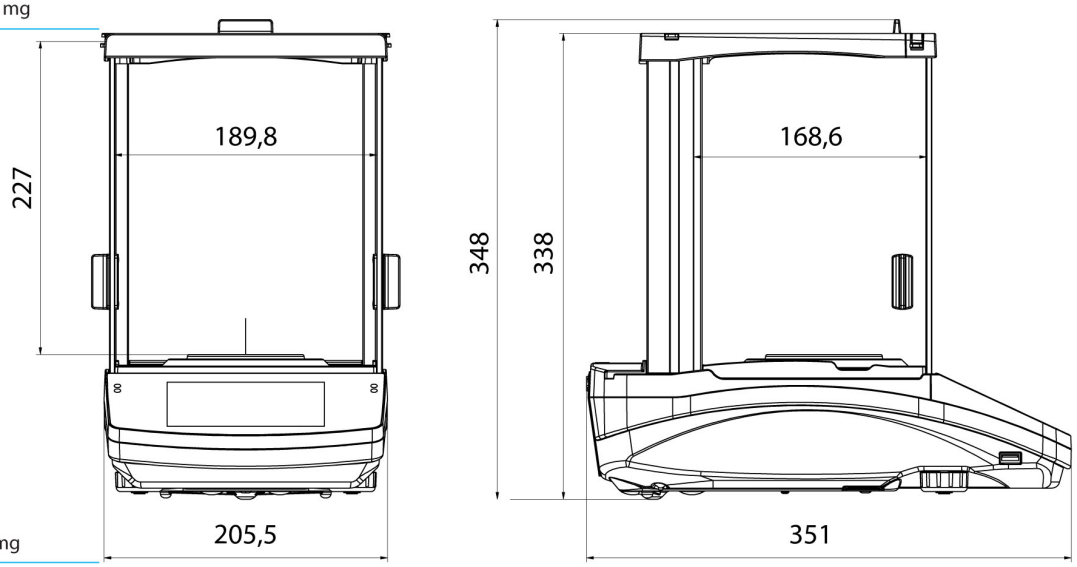
RAD-KEY
RADWAG Connect
R-LAB
E2R System

LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS X2 PLUS, d = 0.01 mg



AS X2 PLUS, 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
- Under-pan weighing
- 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
Tare range	-220 g
Linearity	±0,05/0,2 mg
Stabilization time	2 s

Metrological parameters	
Adjustment	internal (automatic)
OIML Class	I
Standard repeatability [5% Max]	0,012 mg
Standard repeatability [Max]	0,08 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]	0,1 mg
Physical parameters	
Display	LCD (backlit)
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Communication interface	
Communication interface	2×RS232, 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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

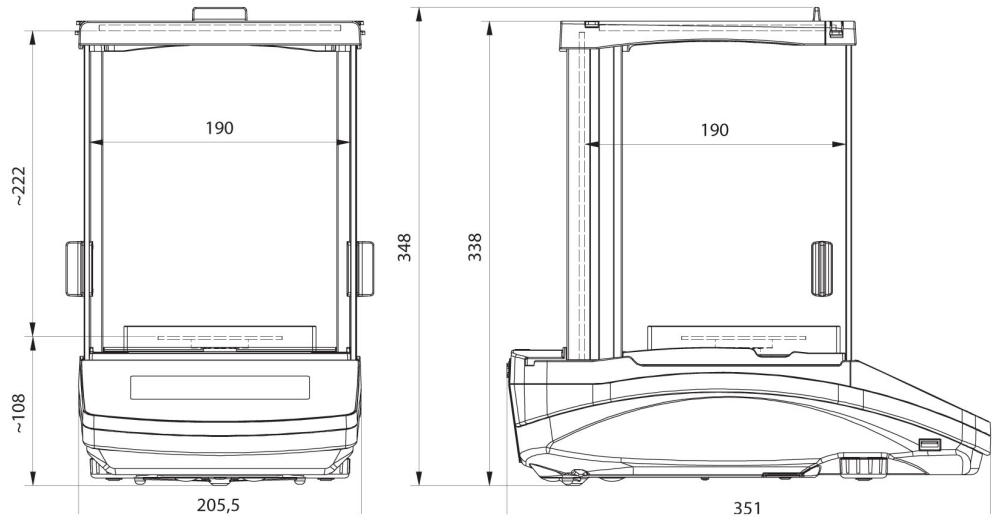
Accessories

Receipt Printer
Granite Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - 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 - EPSON printer)

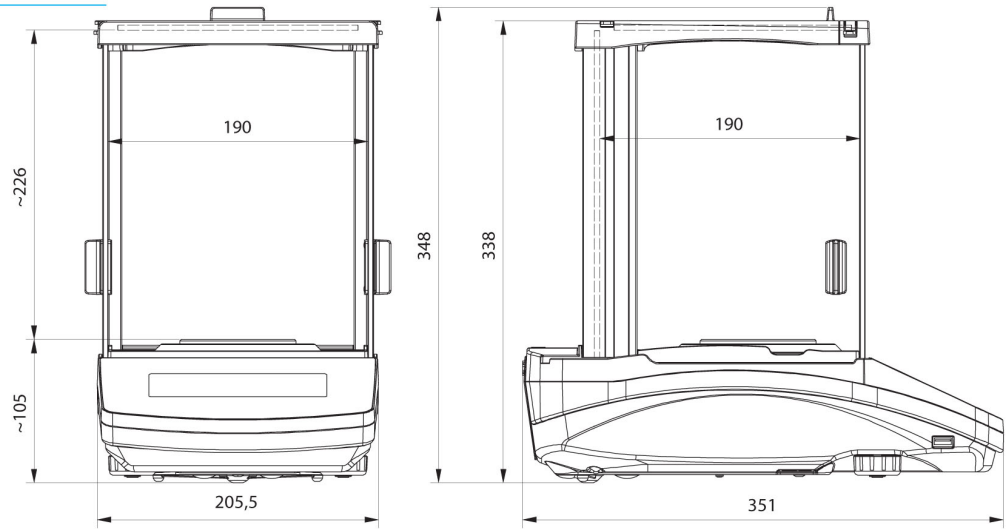
Software

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

Device dimensions



AS R2, d = 0.01 mg



AS R2, AS R1 d = 0.1 mg

radwag.com

AS 82/220.X2 PLUS Analytical Balance

More information on the website
radwag.com/en/info,w1,0W3

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
- ALIBI Memory
- Mass for titrator
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	82 / 220 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg
Tare range	-220 g

Metrological parameters	
Linearity	±0,05/0,2 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I
Standard repeatability [5% Max]	0,01 mg
Standard repeatability [Max]	0,06 mg
Standard minimum weight (USP)	20 mg
Standard minimum weight (U=1%, k=2)	2 mg
Permissible repeatability [5% Max]	0,02 mg
Permissible repeatability [Max]	0,1 mg
Physical parameters	
Display	5” capacitive colour touchscreen
Weighing chamber dimensions	190×190×222 mm
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	495×400×515 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	RS232, 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Power consumption max.	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Relative humidity	40% ÷ 80%

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

Accessories

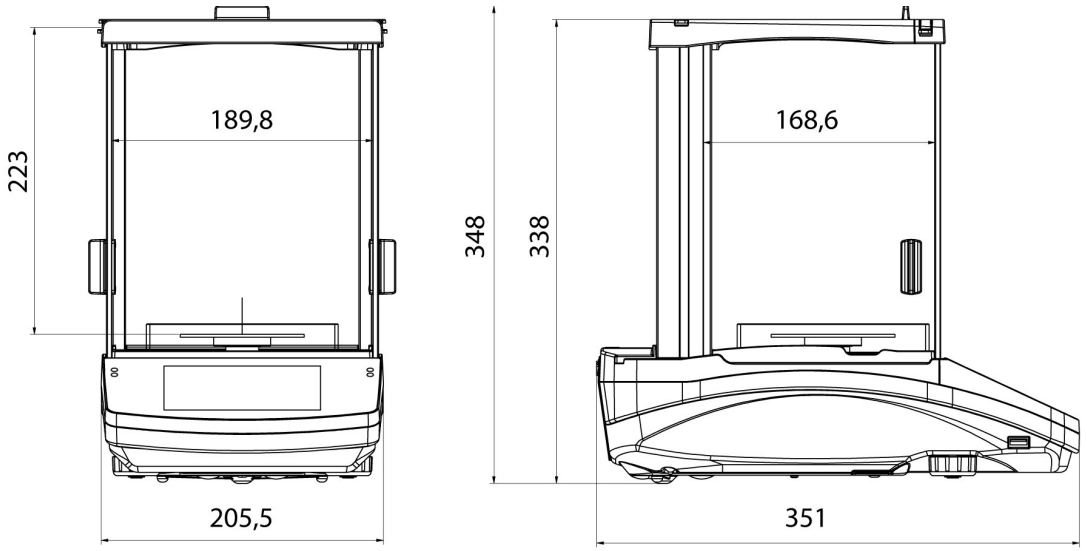
Receipt Printer
Granite Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Density determination kit
Power Adapters
USB cable (scale - printer)
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Displays
Protective cover for balances
Antistatic ionizer
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - EPSON printer)

Software

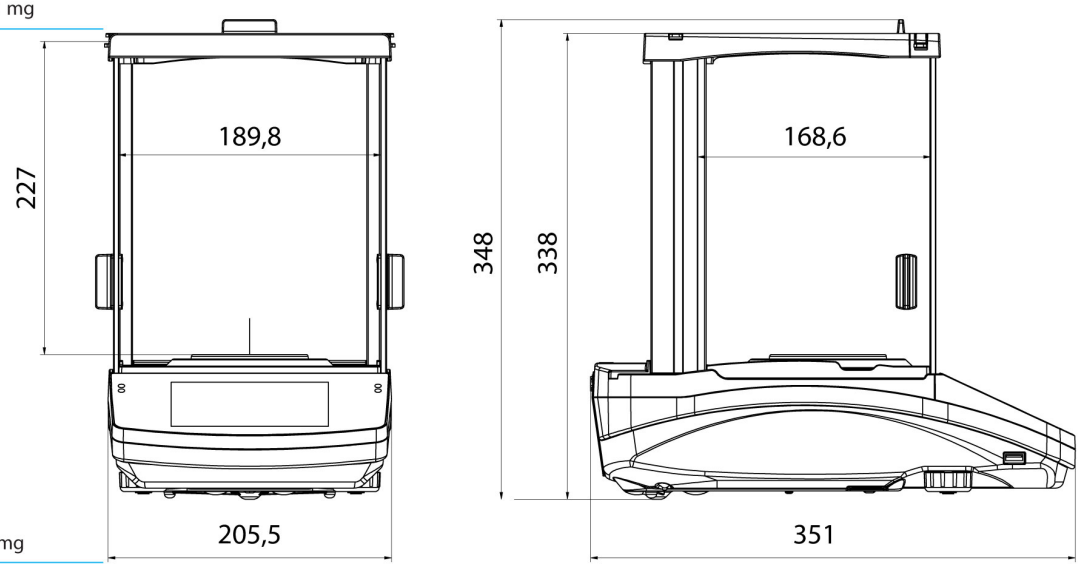
RAD-KEY
RADWAG Connect
R-LAB
E2R System

LabVIEW Driver
ALIBI Reader
RADWAG Development Studio
R.Barcode

Device dimensions



AS X2 PLUS, d = 0.01 mg



AS X2 PLUS, d = 0.1 mg

radwag.com

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
Tare range	-120 g
Verification scale interval [e]	1 mg
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
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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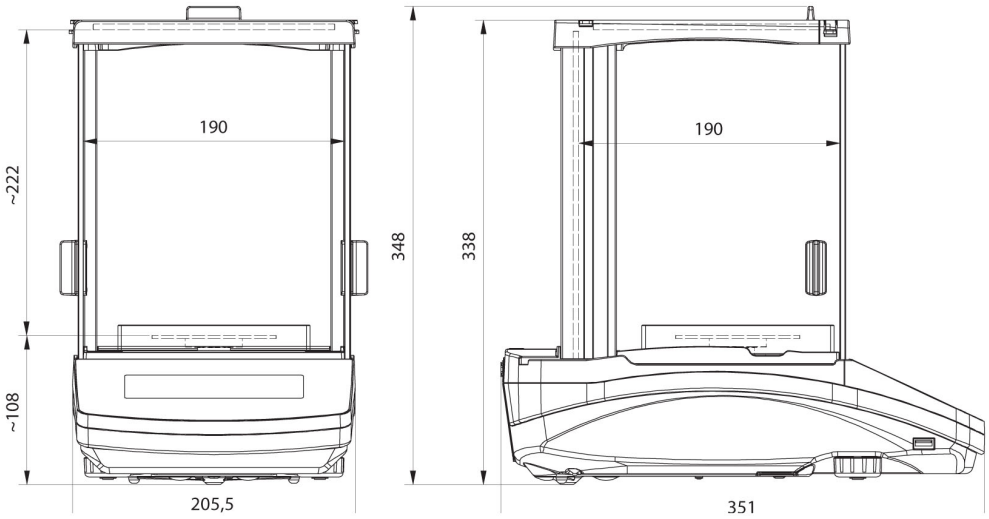
Accessories

Granite Antivibration Tables
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - printer)
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Receipt Printer
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 - EPSON printer)

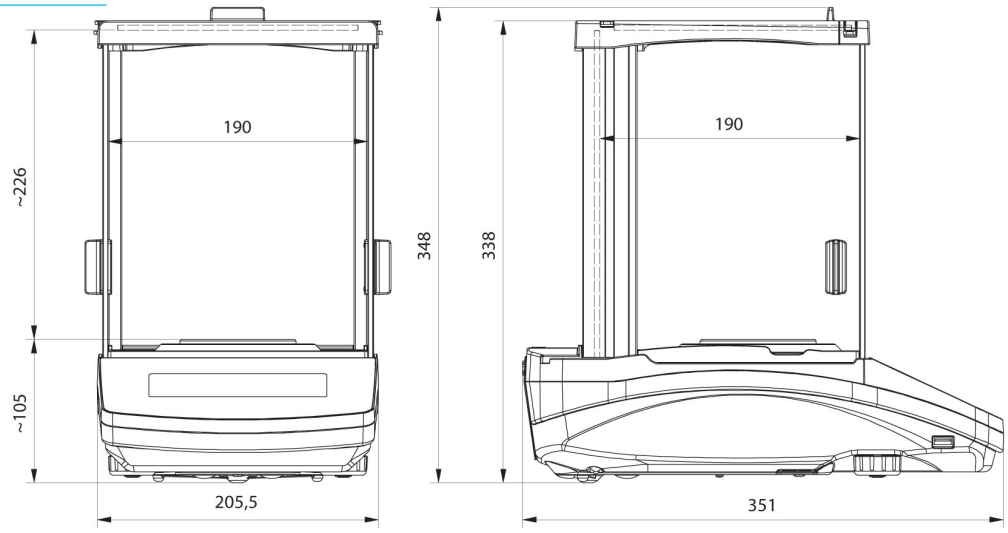
Software

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 220.R2 PLUS Analytical Balance

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

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

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	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
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
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.

Accessories

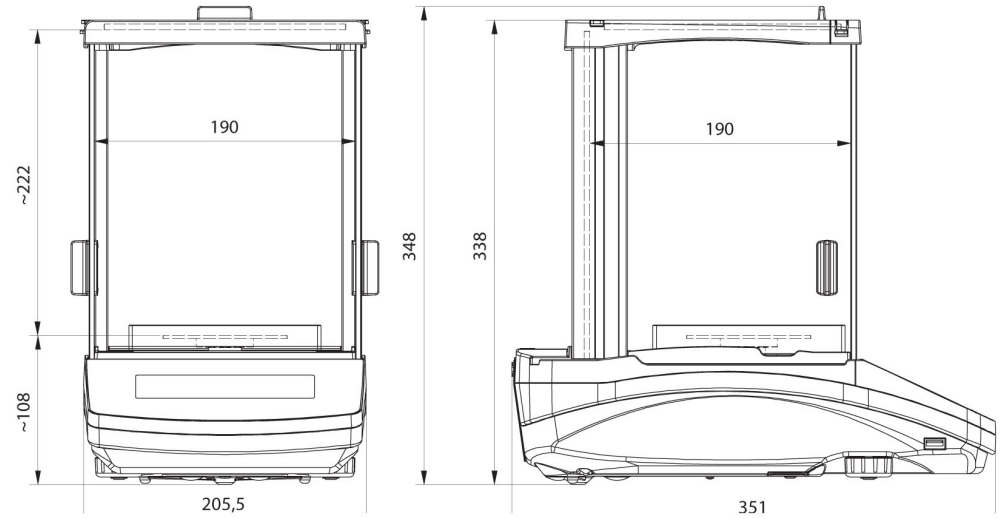
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Antivibration Tables
Displays
Protective cover for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

Software

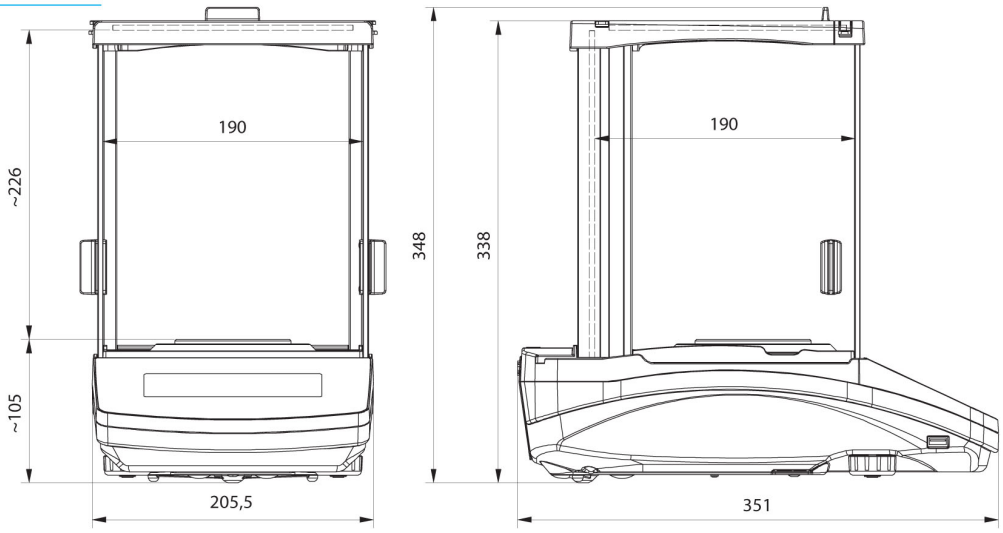
RAD-KEY
R Panel
R-LAB
E2R System

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 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	
Leveling 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 or 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.

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

Accessories

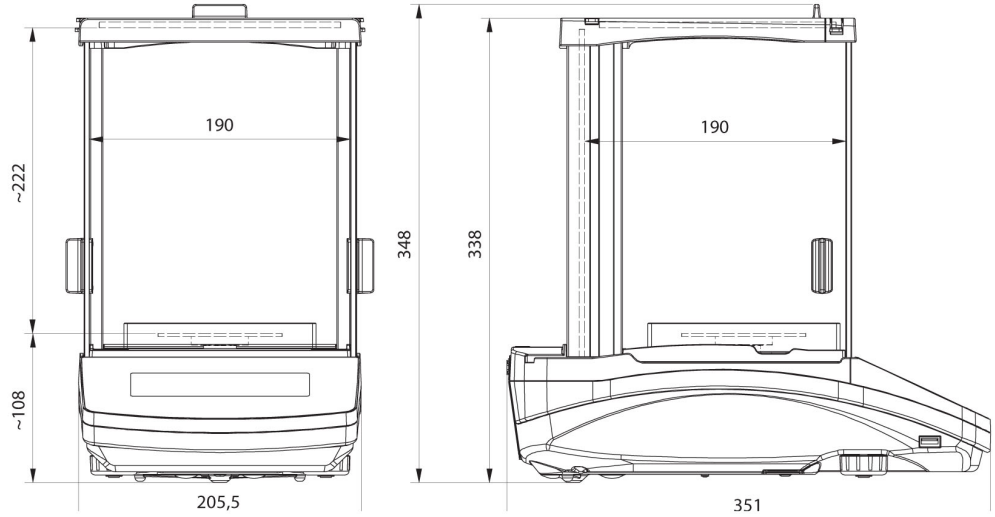
Holders for laboratory flasks
Barcode scanners
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Receipt Printer
Professional weighing table
Holders for test tubes and filters
Workstation for Pipettes Calibration
Antivibration Tables
Displays
Protective 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

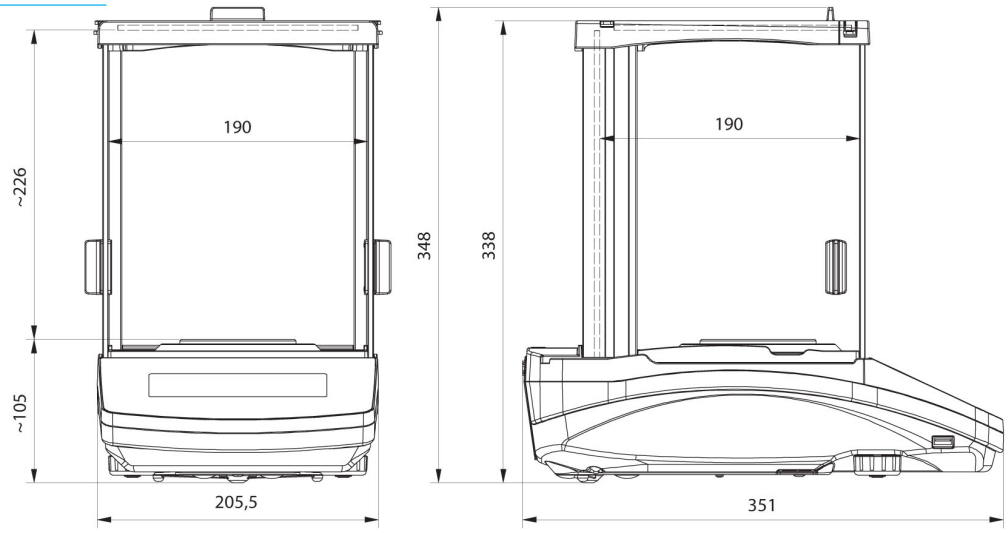
RAD-KEY
R Panel
R-LAB
E2R System

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

MA 50.R.WH Moisture Analyzer

More information on the website
radwag.com/en/info,w1,62E

Functions

- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	50 g
Readability [d]	1 mg
Tare range	-50 g
Adjustment	external
Maximum sample weight	50 g
Heating module	halogen
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 250 °C

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	4,8 kg
Gross weight	6,3 kg
Protection class	IP 43
Maximum sample height	20 mm
Communication interface	
Communication interface	RS232[1], USB-A, USB-B, Wi-Fi
Electrical parameters	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	4 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability

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.

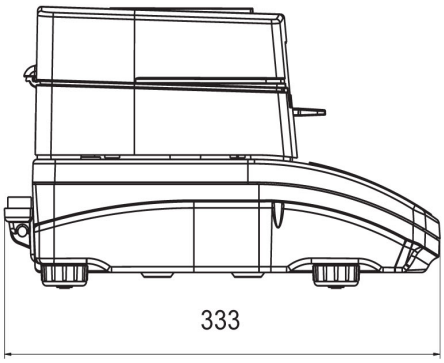
Accessories

Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Receipt Printer
Balance Storage Case
Antivibration Tables
RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

RAD-KEY
E2R System
RADWAG Development Studio
LabVIEW Driver
Alibi Reader

Device dimensions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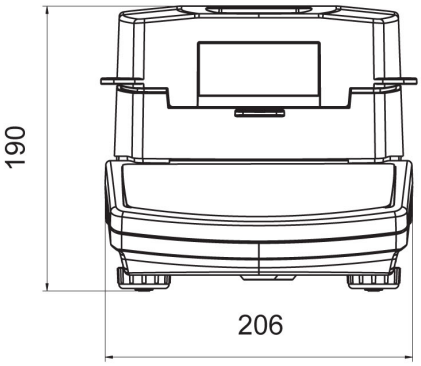

190
206

radwag.com

MA 110.R.WH Moisture Analyzer

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

Functions

- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Readability [d]	1 mg
Tare range	-110 g
Adjustment	external
Maximum sample weight	110 g
Heating module	halogen
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 250 °C

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	4,8 kg
Gross weight	6,3 kg
Communication interface	
Communication interface	RS232[1], USB-A, USB-B, Wi-Fi
Electrical parameters	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	4 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability
Maximum sample height	20 mm

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.

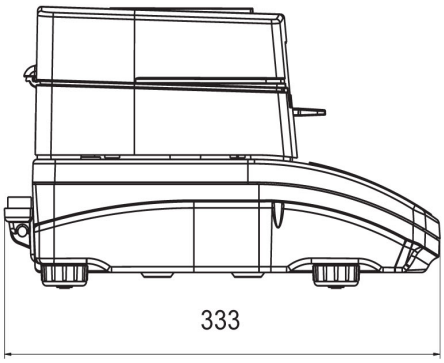
Accessories

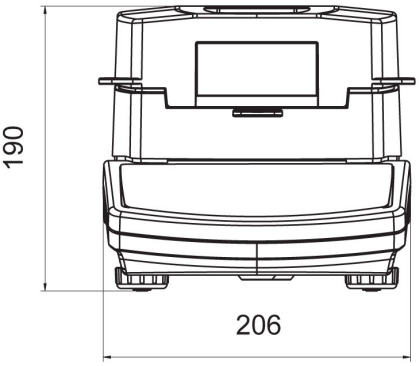
Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Balance Storage Case
Antivibration Tables
Water Vapour Permeability Determination Set
RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

RAD-KEY
E2R System
RADWAG Development Studio
LabVIEW Driver
Alibi Reader

Device dimensions


333


190
206

radwag.com

MA 110.X2.A.WH Moisture Analyzer

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

Functions

- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Readability [d]	1 mg
Tare range	-110 g
Adjustment	external
Maximum sample weight	110 g
Heating module	halogen
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 250 °C

Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5” capacitive colour touchscreen
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	5,2 kg
Gross weight	6,7 kg
Protection class	IP 43
Maximum sample height	20 mm
Communication interface	
Communication interface	RS232[1], USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Power supply	100 ÷ 240 V AC 50/60 Hz
Power consumption	6 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability

[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.

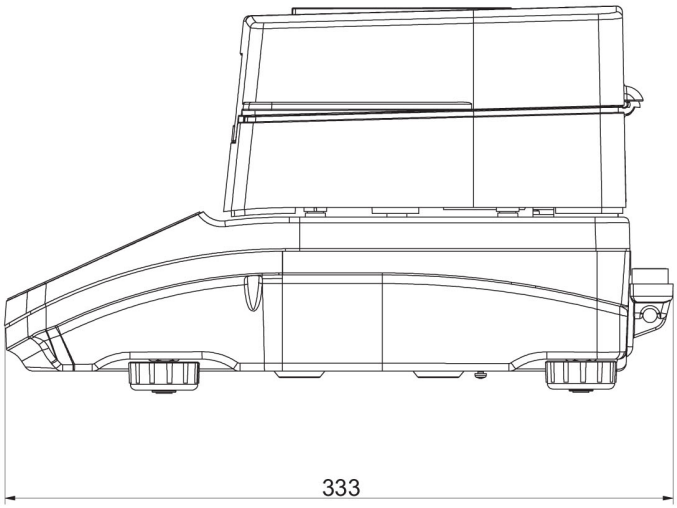
Accessories

Receipt Printer
Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Antivibration Tables for Laboratory Balances
Water Vapour Permeability Determination Set
RS 232, RS 485 cables
RS 232 cables (scale - EPSON printer)

Software

RAD-KEY
E2R System
RADWAG Development Studio
LabVIEW Driver
Alibi Reader

Device dimensions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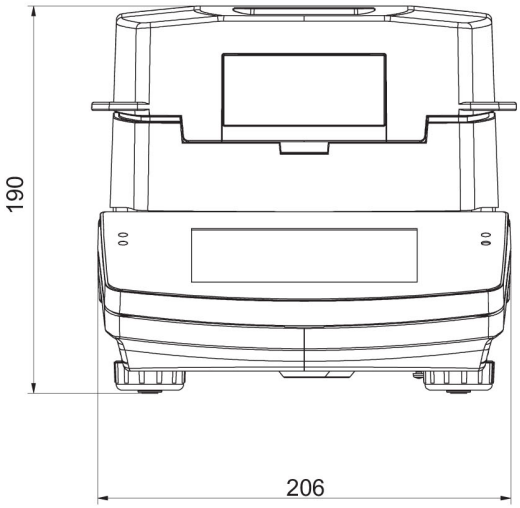
190
206

radwag.com

MA 50.R.WH Moisture Analyzer

More information on the website
radwag.com/en/info,w1,62E

Functions

- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	50 g
Readability [d]	1 mg
Tare range	-50 g
Adjustment	external
Maximum sample weight	50 g
Heating module	halogen
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 250 °C

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	4,8 kg
Gross weight	6,3 kg
Protection class	IP 43
Maximum sample height	20 mm
Communication interface	
Communication interface	RS232[1], USB-A, USB-B, Wi-Fi
Electrical parameters	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	4 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability

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

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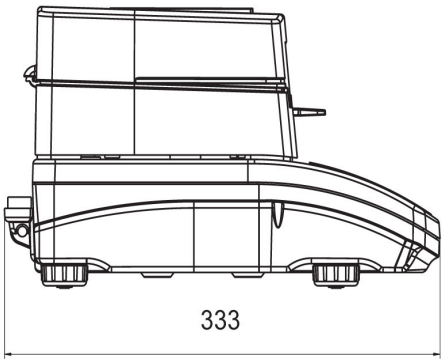
Accessories

Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Receipt Printer
Balance Storage Case
Antivibration Tables
RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

RAD-KEY
E2R System
RADWAG Development Studio
LabVIEW Driver
Alibi Reader

Device dimensions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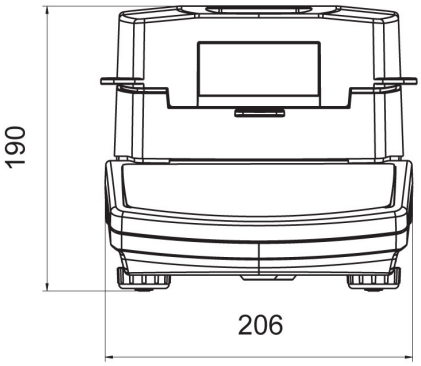
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206

radwag.com

MA 110.R.WH Moisture Analyzer

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

Functions

- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Readability [d]	1 mg
Tare range	-110 g
Adjustment	external
Maximum sample weight	110 g
Heating module	halogen
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 250 °C

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	4,8 kg
Gross weight	6,3 kg
Communication interface	
Communication interface	RS232[1], USB-A, USB-B, Wi-Fi
Electrical parameters	
Power supply	100V – 120V AC 50/60Hz or 200V-240V AC 50/60Hz
Power consumption	4 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability
Maximum sample height	20 mm

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

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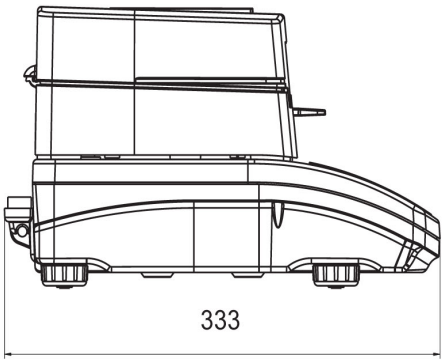
Accessories

Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Balance Storage Case
Antivibration Tables
Water Vapour Permeability Determination Set
RS 232, RS 485 cables
RS 232 cables (scale - printer)

Software

RAD-KEY
E2R System
RADWAG Development Studio
LabVIEW Driver
Alibi Reader

Device dimensions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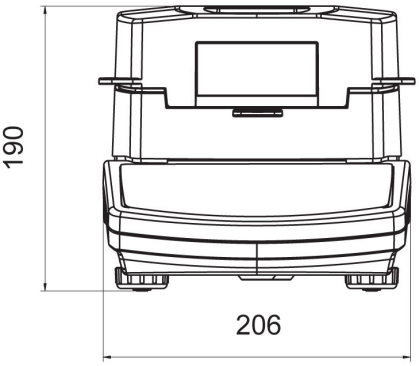
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radwag.com

MA 110.X2.A.WH Moisture Analyzer

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

Functions

- Drying modes
- Samples drying
- Moisture content analysis
- Dry mass determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Readability [d]	1 mg
Tare range	-110 g
Adjustment	external
Maximum sample weight	110 g
Heating module	halogen
Moisture content repeatability	+/-0,05% (sample ~ 2g), +/-0,01% (sample ~ 10g)
Moisture content readability	0,001%
Drying temperature range	max 250 °C

Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5” capacitive colour touchscreen
Weighing pan dimensions	ø90, h= 8 mm
Packaging dimensions	470×380×336 mm
Net weight	5,2 kg
Gross weight	6,7 kg
Protection class	IP 43
Maximum sample height	20 mm
Communication interface	
Communication interface	RS232[1], USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Power supply	100 ÷ 240 V AC 50/60 Hz
Power consumption	6 W
Heating module power	450 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Features of use	
Drying method	4 drying profiles (standard, fast, step, mild)
Finish mode	4 modes (automatic, manual, time-defined, user-defined)
Additional functions	sample traceability

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

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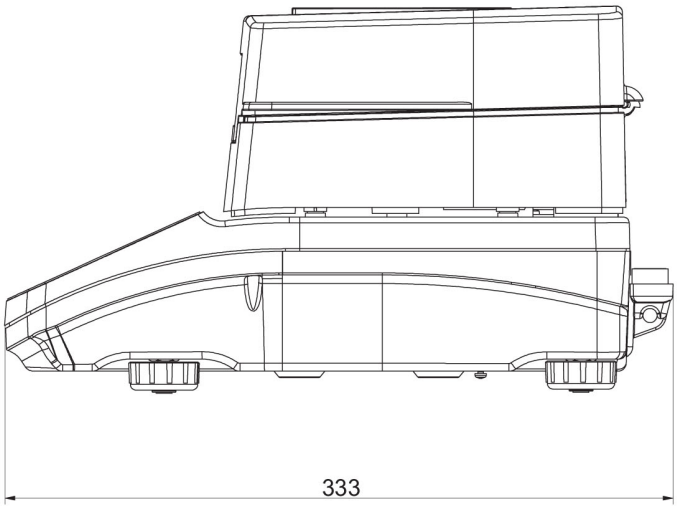
Accessories

Receipt Printer
Barcode scanners
Protective cover for balances
Moisture analyzer accessories
Antivibration Tables for Laboratory Balances
Water Vapour Permeability Determination Set
RS 232, RS 485 cables
RS 232 cables (scale - EPSON printer)

Software

RAD-KEY
E2R System
RADWAG Development Studio
LabVIEW Driver
Alibi Reader

Device dimensions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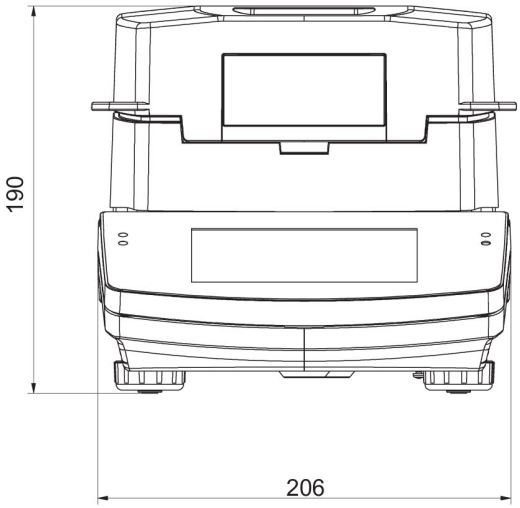
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206

radwag.com

PS 600.R2 Precision Balance

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

Functions

- Autotest
- Dosing
- Percent Weighing
- Totalizing
- Parts counting
- Peak hold
- Newton unit measurement
- Statistics
- Checkweighing
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Density determination

Datasheet

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

Metrological parameters	
Repeatability (5% Max)	0,0005 g
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
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, USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
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.

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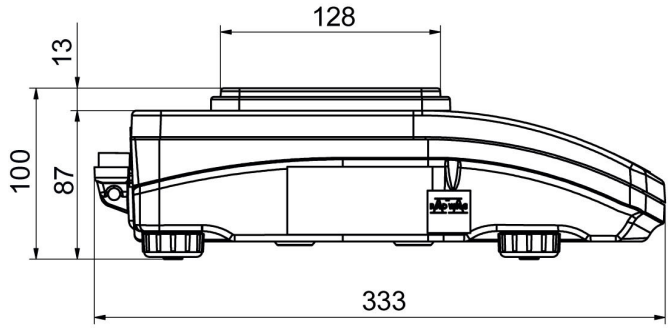
Accessories

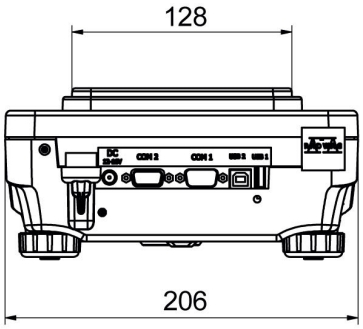
Balance Storage Case
Receipt Printer
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - printer)
Density determination kit
Anti-draft Chamber for balances with a weighing pan 128×128mm
Granite Antivibration Tables
Displays
Draft Shield
AP2-1 Current Loop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

Software

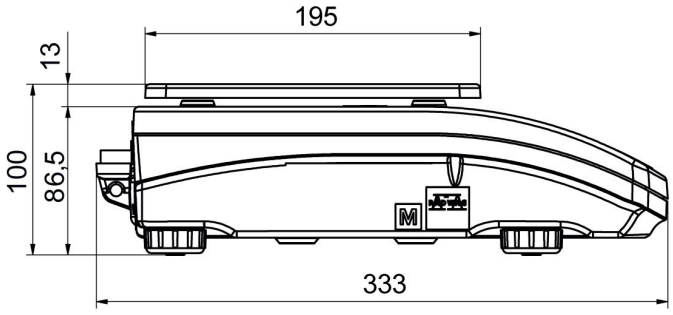
RAD-KEY
R Panel
Alibi Reader
RADWAG Development Studio
R.Barcode
LabVIEW Driver
RADWAG Connect
R-LAB
E2R System

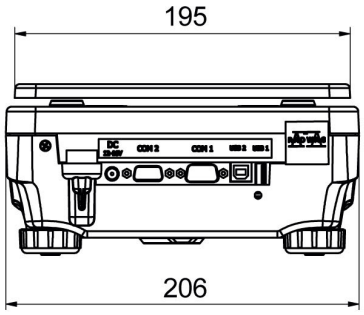
Device dimensions



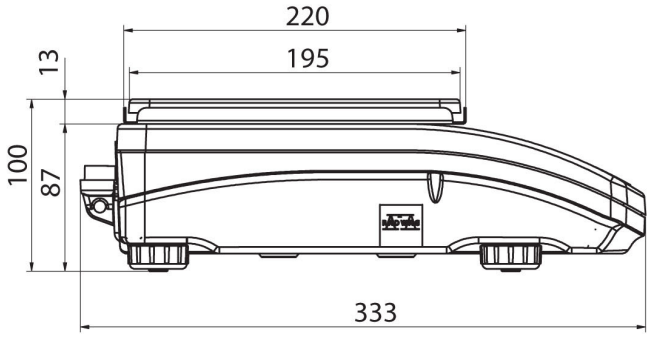


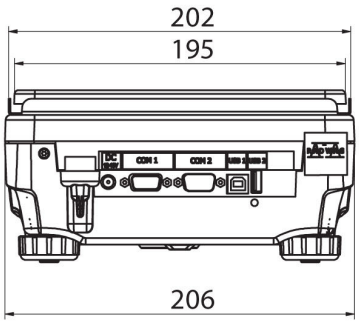
PS R, d = 1mg





PS R, d = 10 mg





PS R.M, d = 10 mg

radwag.com

PS 1000.R2 Precision Balance

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

Functions

- Autotest
- Dosing
- Percent Weighing
- Totalizing
- Parts counting
- Peak hold
- Newton unit measurement
- Statistics
- Checkweighing
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Density determination

Datasheet

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

Metrological parameters	
Repeatability (5% Max)	0,0005 g
Linearity	±0,003 g
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	manual
Display	LCD (backlit)
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, USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
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.

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

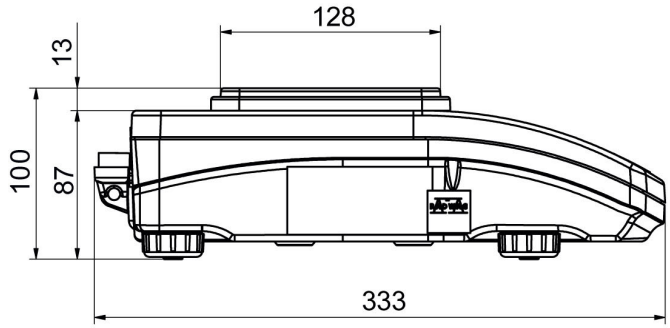
Accessories

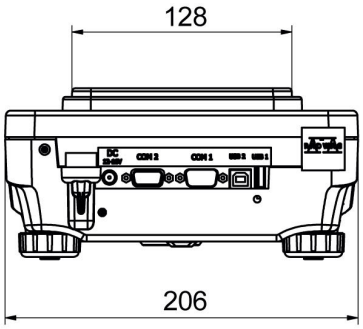
Balance Storage Case
Receipt Printer
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - printer)
Density determination kit
Anti-draft Chamber for balances with a weighing pan 128×128mm
Displays
Draft Shield
AP2-1 Current Loop Unit
RPANEL BOX
Protective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

Software

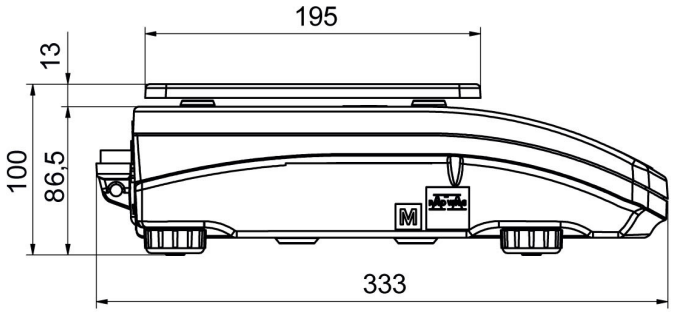
RAD-KEY
R Panel
Alibi Reader
RADWAG Development Studio
R.Barcode
LabVIEW Driver
RADWAG Connect
R-LAB
E2R System

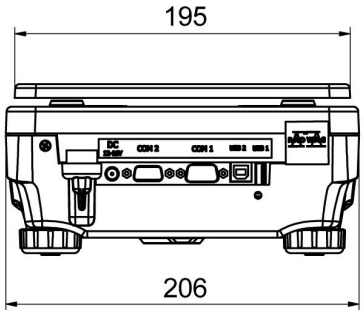
Device dimensions



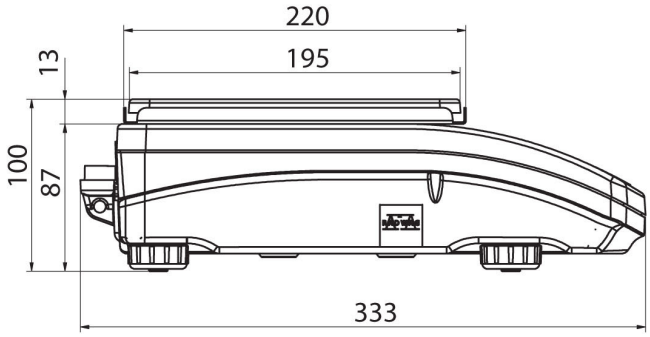


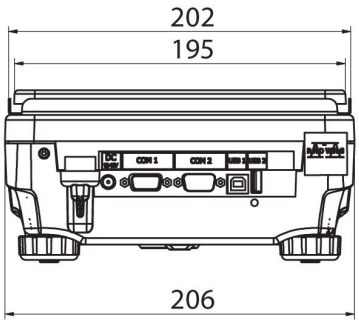
PS R, d = 1mg





PS R, d = 10 mg





PS R.M, d = 10 mg

radwag.com

PS 3500.R2.M Precision Balance

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

Functions

- Autotest
- Dosing
- Percent Weighing
- Totalizing
- Parts counting
- Peak hold
- Newton unit measurement
- Statistics
- Checkweighing
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	3500 g
Minimum load	500 mg
Readability [d]	0,01 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)
Physical parameters	
Display	LCD (backlit)
Weighing pan dimensions	195×195 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6 kg
Communication interface	
Communication interface	2×RS232, USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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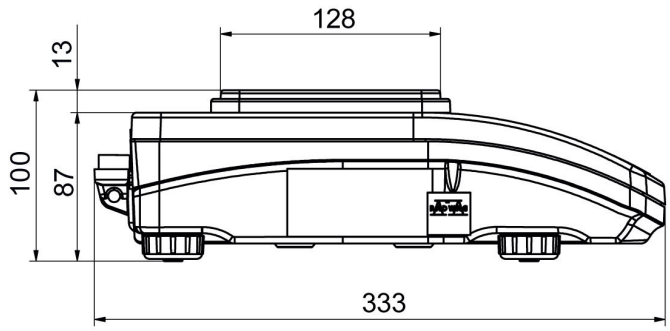
Accessories

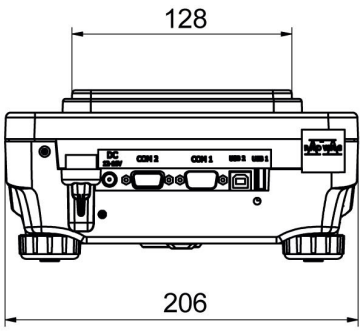
Balance Storage Case
Receipt Printer
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - printer)
Displays
Density determination kit
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Protective cover for balances
Under-Pan Weighing Rack
RS 232 cables (scale - EPSON printer)

Software

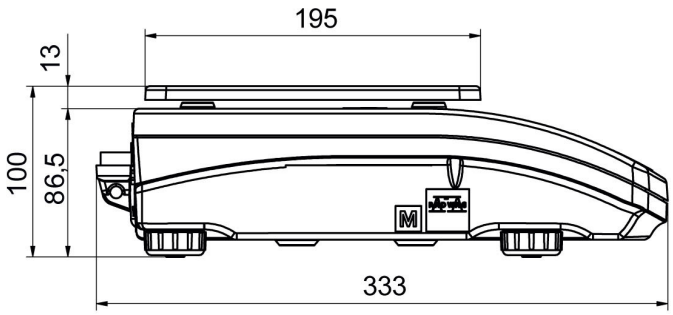
RAD-KEY
R Panel
Alibi Reader
RADWAG Development Studio
R.Barcode
LabVIEW Driver
RADWAG Connect
R-LAB
E2R System

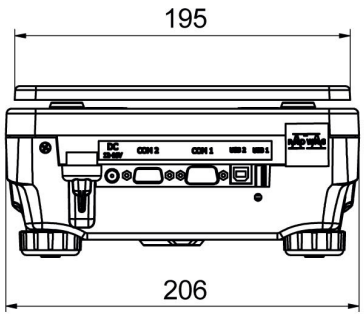
Device dimensions



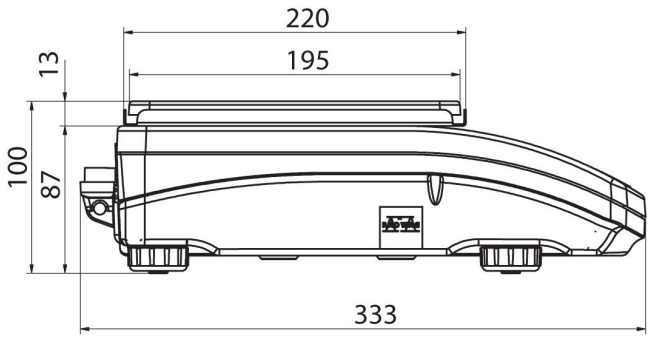


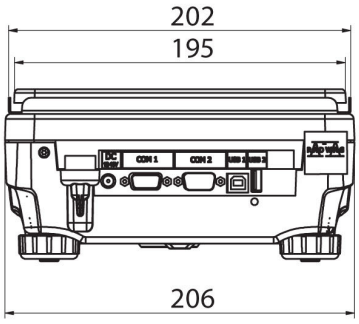
PS R, d = 1mg





PS R, d = 10 mg





PS R.M, d = 10 mg

radwag.com

PS 6100.R2.M Precision Balance

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

Functions

- Autotest
- Dosing
- Percent Weighing
- Totalizing
- Parts counting
- Peak hold
- Newton unit measurement
- Statistics
- Checkweighing
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Density determination

Datasheet

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

Metrological parameters	
Minimum weight (U=1%,k=2)	1 g
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	2×10^{-6}/°C×Rt
Protection class	IP 43
Physical parameters	
Display	LCD (backlit)
Weighing pan dimensions	195×195 mm
Device dimensions	333x206x107 mm
Packaging dimensions	470×380×340 mm
Net weight	4,5 kg
Gross weight	6,1 kg
Communication interface	
Communication interface	2×RS232, USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	100 ÷ 240 V AC 50 / 60 Hz
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Storage temperature	-20 ÷ +50 °C
Relative humidity	40% ÷ 80%

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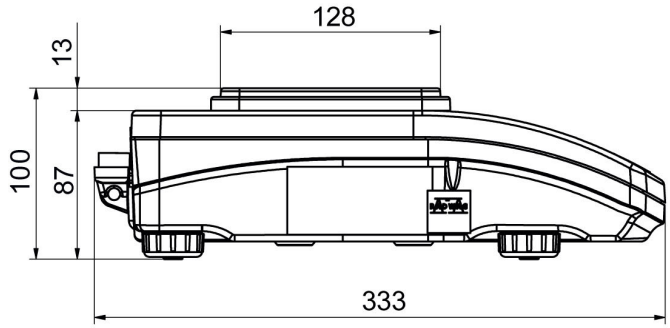
Accessories

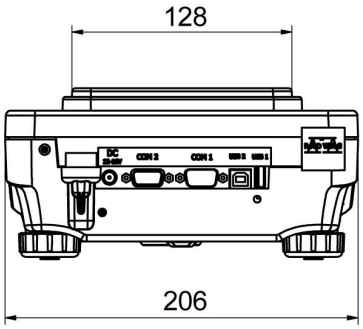
Balance Storage Case
Receipt Printer
Barcode scanners
Cigarette lighter receptacle power supply cables
Power Adapters
USB cable (scale - printer)
Displays
Density determination kit
Protective cover for balances
AP2-1 Current Loop Unit
RPANEL BOX
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - EPSON printer)

Software

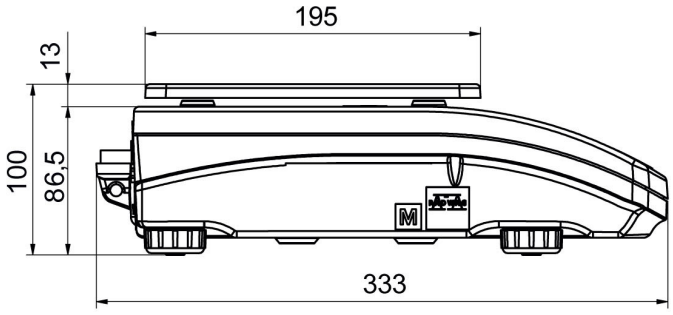
RAD-KEY
R Panel
Alibi Reader
RADWAG Development Studio
R.Barcode
LabVIEW Driver
RADWAG Connect
R-LAB
E2R System

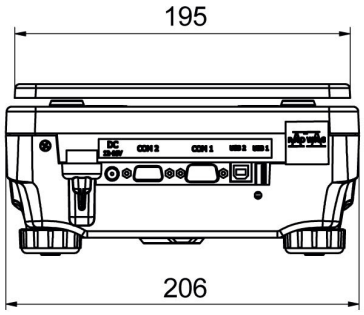
Device dimensions



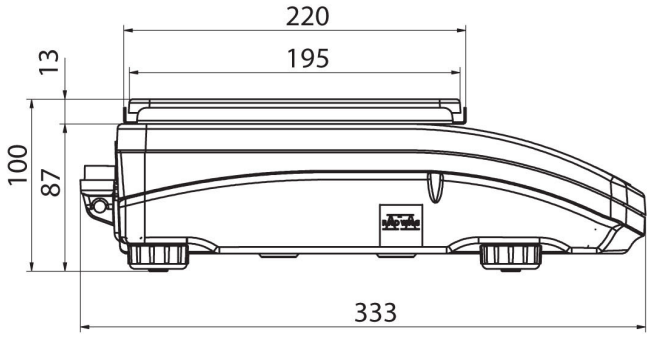


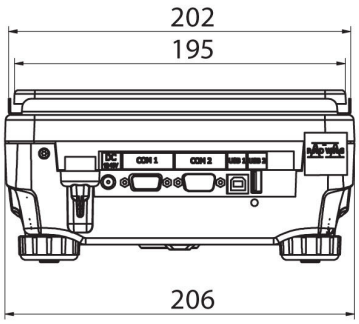
PS R, d = 1mg





PS R, d = 10 mg





PS R.M, d = 10 mg

radwag.com

PS 360.R2 Precision Balance

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

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

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 unit [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	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	465×370×290 mm
Net weight	3,7 kg
Gross weight	5 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
Power consumption	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °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

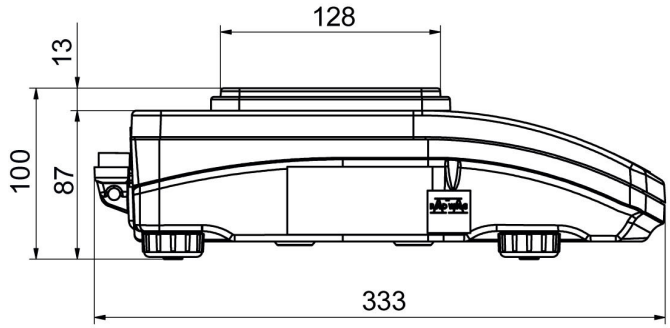
Accessories

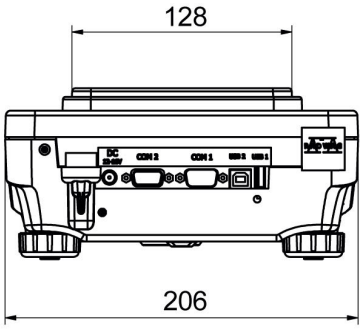
Balance Storage Case
Power Adapters
Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Density determination KIT
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan
Antivibration Tables
Displays
Draft Shield
Receipt Printer
THBR 2.0 System - Ambient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

Software

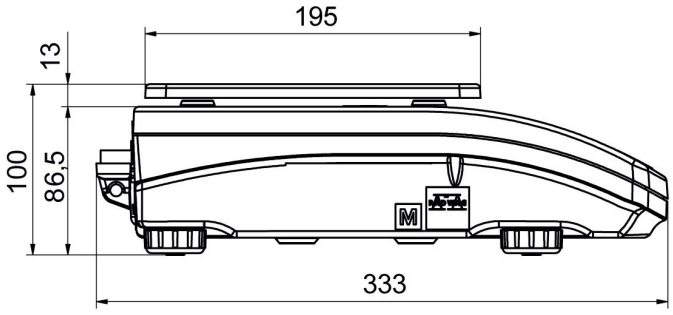
RAD-KEY
R Panel
R-LAB
E2R System
LabVIEW Driver
Alibi Reader
RADWAG Development Studio
R.Barcode

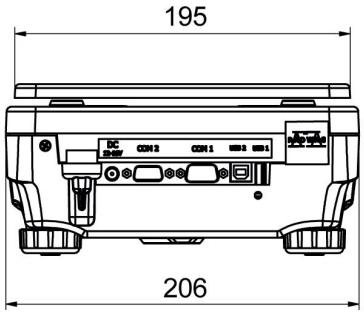
Device dimensions



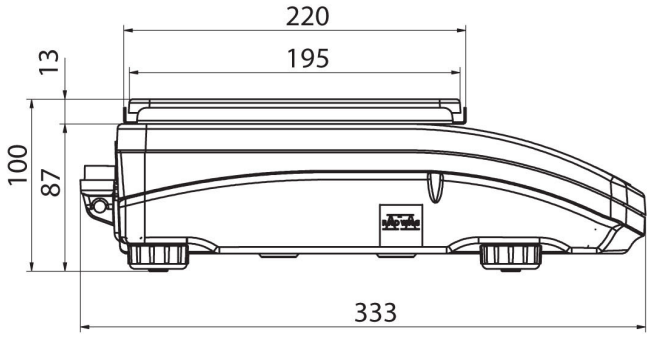


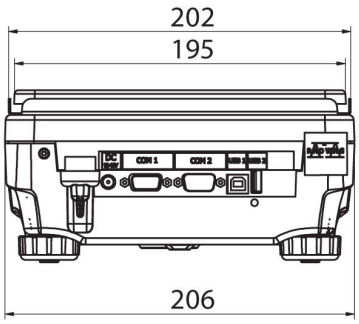
PS R, d = 1mg





PS R, d = 10 mg





PS R.M, d = 10 mg

radwag.com

PUE C315 Indicator

More information on the website
radwag.com/en/info,w1,H5U

Functions

- Plus/Minus Control
- Percent Weighing
- Totalizing
- Parts counting
- Internal battery
- Peak hold
- Newton unit measurement
- GLP Procedures
- Animal weighing
- ALIBI Memory

Datasheet

Metrological parameters	
Maximum quantity of verification units	6000 e
OIML Class	III
Maximum quantity of divisions from converter	838 860 ×10
Maximum increase of signal	39 mV
Minimum volatge per verification unit	0,4 µV
Maximum voltage per verification unit	3,25 µV
Minimum load cell impedance	50 Ω

Metrological parameters	
Maximum load cell impedance	1200 Ω
Load cell excitation voltage	5V DC
Connection of load cells	4 or 6 wires + shield
Physical parameters	
Display	LCD (backlit)
Device dimensions	181×136×60 mm
Packaging dimensions	220×190×90 mm
Net weight	0,6 kg
Gross weight	1,2 kg
Protection class	IP 43
Power supply	detachable adapter, akumulatory NiMH 6×AA
Number of buttons	5
Multiple range	1 or 2 ranges
Additional LCD display	WD-4/8 (option)
Communication interface	
RS232 Interface	1
Optional interfaces	RS232
Electrical parameters	
Power supply	100-240 V AC 50/60 Hz
Power consumption max.	5 W
Optional power supply	12V DC and battery
Operation time on batteries	max 7h
Environmental conditions	
Operating temperature	-10 ÷ +40 °C
Storage temperature	-10 ÷ +50 °C
Relative humidity	10% ÷ 80% RH no condensation
Construction	
Keypad	microswitch
Housing	ABS plastic

Compatible with

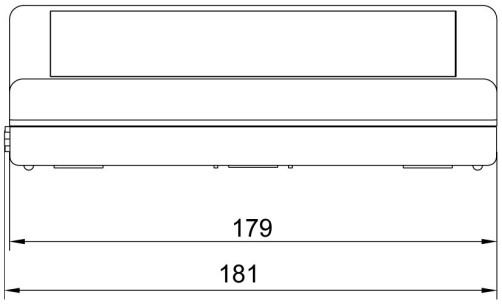
Waterproof stainless steel platforms
Mild steel powder coated weighing platforms
RS 232 cables (scale - printer)
Mild steel powder coated weighing platforms
Stands, wall mounting kits and mounting brackets
Cigarette lighter receptacle power supply cables
Receipt Printer

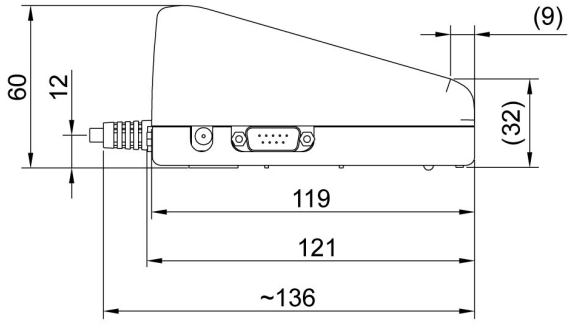
Displays
RS 232 – Ethernet Converter
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
RS 232 – RS 485 Converter

Software

RAD-KEY
LabVIEW Driver
R-LAB
Scales Editor 2.0
RW Tool
R Panel
RADWAG Development Studio

Device dimensions





radwag.com

WTC 200 Precision Balance

More information on the website
radwag.com/en/info,w1,Q67

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

Functions

- Plus/Minus Control
- Percent Weighing
- Parts counting
- Peak hold
- GLP Procedures
- ALIBI Memory

Datasheet

Metrological parameters	
Maximum capacity [Max]	200 g
Readability [d]	0,001 g
Tare range	-200 g
Repeatability	0,002 g
Linearity	±0,004 g
Stabilization time	2 s
Adjustment	external
Physical parameters	
Leveling system	manual

Physical parameters	
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	ø100 mm
Packaging dimensions	330×230×140 mm
Net weight	1 kg
Gross weight	1 kg
Communication interface	
Communication interface	RS232, USB-A, USB-B
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	15 h (average time)
Environmental conditions	
Operating temperature	+15 ÷ +30 °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.

Accessories

Power Adapters
RS 232 cables (scale - printer)
Cigarette lighter receptacle power supply cables
Displays

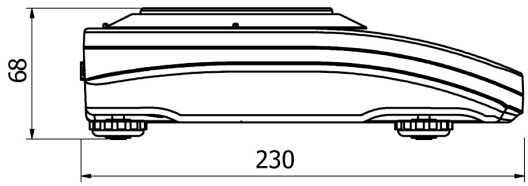
Receipt Printer
RS 232, RS 485 cables
RS 232 cables (scale - printer)

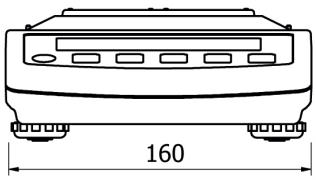
Software

RAD-KEY
R Panel
Scales Editor 2.1

LabVIEW Driver
R-LAB

Device dimensions





WTC, d = 0.001 g

radwag.com

WTC 600 Precision Balance

More information on the website
radwag.com/en/info,w1,7ZM

Functions

- Plus/Minus Control
- Percent Weighing
- Parts counting
- Peak hold
- GLP Procedures
- ALIBI Memory

Datasheet

Metrological parameters	
Maximum capacity [Max]	600 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-600 g
Repeatability	0,01 g
Linearity	±0,02 g
Stabilization time	2 s
OIML Class	II

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Weighing pan dimensions	128×128 mm
Packaging dimensions	330×230×140 mm
Net weight	1,3 kg
Gross weight	2 kg
Protection class	IP 43
Communication interface	
Communication interface	RS232, USB-A, USB-B
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	15 h (average time)
Environmental conditions	
Operating temperature	+15 ÷ +30 °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.

Accessories

RS 232 cables (scale - printer)
Cigarette lighter receptacle power supply cables
Receipt Printer

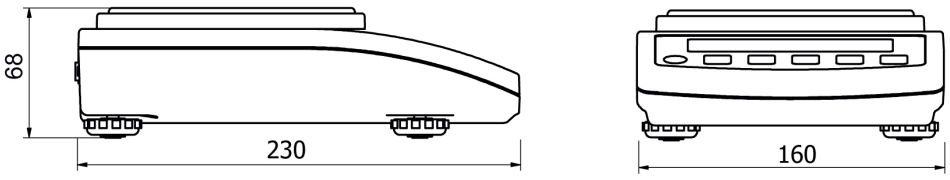
Displays
RS 232, RS 485 cables

Software

RAD-KEY
R Panel
Scales Editor 2.1

LabVIEW Driver
R-LAB

Device dimensions



WTC: d = 0.01 g, d = 0.1 g

radwag.com

PUE C315 Indicator

More information on the website
radwag.com/en/info,w1,H5U

Functions

- Plus/Minus Control
- Percent Weighing
- Totalizing
- Parts counting
- Internal battery
- Peak hold
- Newton unit measurement
- GLP Procedures
- Animal weighing
- ALIBI Memory

Datasheet

Metrological parameters	
Maximum quantity of verification units	6000 e
OIML Class	III
Maximum quantity of divisions from converter	838 860 ×10
Maximum increase of signal	39 mV
Minimum volatge per verification unit	0,4 µV
Maximum voltage per verification unit	3,25 µV
Minimum load cell impedance	50 Ω

Metrological parameters	
Maximum load cell impedance	1200 Ω
Load cell excitation voltage	5V DC
Connection of load cells	4 or 6 wires + shield
Physical parameters	
Display	LCD (backlit)
Device dimensions	181×136×60 mm
Packaging dimensions	220×190×90 mm
Net weight	0,6 kg
Gross weight	1,2 kg
Protection class	IP 43
Power supply	detachable adapter, akumulatory NiMH 6×AA
Number of buttons	5
Multiple range	1 or 2 ranges
Additional LCD display	WD-4/8 (option)
Communication interface	
RS232 Interface	1
Optional interfaces	RS232
Electrical parameters	
Power supply	100-240 V AC 50/60 Hz
Power consumption max.	5 W
Optional power supply	12V DC and battery
Operation time on batteries	max 7h
Environmental conditions	
Operating temperature	-10 ÷ +40 °C
Storage temperature	-10 ÷ +50 °C
Relative humidity	10% ÷ 80% RH no condensation
Construction	
Keypad	microswitch
Housing	ABS plastic

Compatible with

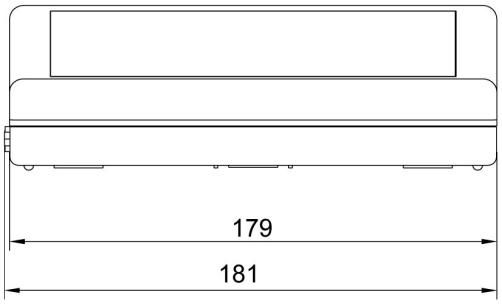
Waterproof stainless steel platforms
Mild steel powder coated weighing platforms
RS 232 cables (scale - printer)
Mild steel powder coated weighing platforms
Stands, wall mounting kits and mounting brackets
Cigarette lighter receptacle power supply cables
Receipt Printer

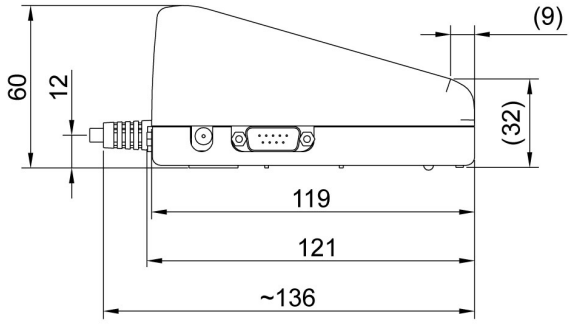
Displays
RS 232 – Ethernet Converter
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
RS 232 – RS 485 Converter

Software

RAD-KEY
LabVIEW Driver
R-LAB
Scales Editor 2.0
RW Tool
R Panel
RADWAG Development Studio

Device dimensions





radwag.com

WTC 200 Precision Balance

More information on the website
radwag.com/en/info,w1,Q67

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

Functions

- Plus/Minus Control
- Percent Weighing
- Parts counting
- Peak hold
- GLP Procedures
- ALIBI Memory

Datasheet

Metrological parameters	
Maximum capacity [Max]	200 g
Readability [d]	0,001 g
Tare range	-200 g
Repeatability	0,002 g
Linearity	±0,004 g
Stabilization time	2 s
Adjustment	external
Physical parameters	
Leveling system	manual

Physical parameters	
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	ø100 mm
Packaging dimensions	330×230×140 mm
Net weight	1 kg
Gross weight	1 kg
Communication interface	
Communication interface	RS232, USB-A, USB-B
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	15 h (average time)
Environmental conditions	
Operating temperature	+15 ÷ +30 °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.

Accessories

Power Adapters
RS 232 cables (scale - printer)
Cigarette lighter receptacle power supply cables
Displays

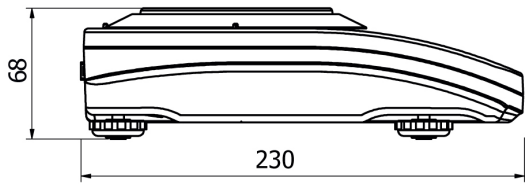
Receipt Printer
RS 232, RS 485 cables
RS 232 cables (scale - printer)

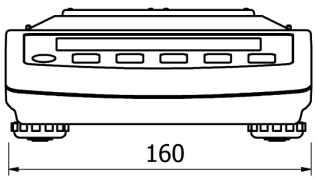
Software

RAD-KEY
R Panel
Scales Editor 2.1

LabVIEW Driver
R-LAB

Device dimensions





WTC, d = 0.001 g

radwag.com

WTC 600 Precision Balance

More information on the website
radwag.com/en/info,w1,7ZM

Functions

- Plus/Minus Control
- Percent Weighing
- Parts counting
- Peak hold
- GLP Procedures
- ALIBI Memory

Datasheet

Metrological parameters	
Maximum capacity [Max]	600 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-600 g
Repeatability	0,01 g
Linearity	±0,02 g
Stabilization time	2 s
OIML Class	II

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Weighing pan dimensions	128×128 mm
Packaging dimensions	330×230×140 mm
Net weight	1,3 kg
Gross weight	2 kg
Protection class	IP 43
Communication interface	
Communication interface	RS232, USB-A, USB-B
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	15 h (average time)
Environmental conditions	
Operating temperature	+15 ÷ +30 °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.

Accessories

RS 232 cables (scale - printer)
Cigarette lighter receptacle power supply cables
Receipt Printer

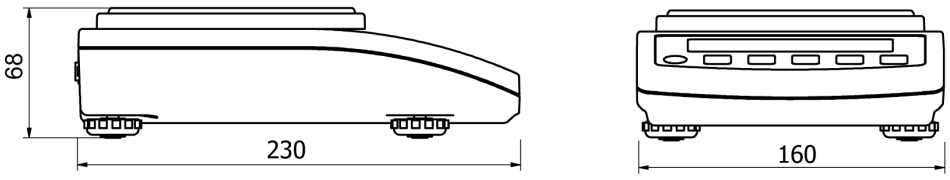
Displays
RS 232, RS 485 cables

Software

RAD-KEY
R Panel
Scales Editor 2.1

LabVIEW Driver
R-LAB

Device dimensions



WTC: d = 0.01 g, d = 0.1 g

radwag.com

XA 21.5Y.M.A Microbalance

More information on the website
radwag.com/en/info,w1,X2K

Functions

- Autotest
- Dosing
- Percent Weighing
- Parts counting
- Peak hold
- Formulation
- Newton unit measurement
- Statistics
- Checkweighing
- IR sensors
- GLP Procedures
- Animal weighing
- Pipettes Calibration
- Air density correction
- Automatic sliding door
- Density determination
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	21 g
Minimum load	0,1 mg

Metrological parameters	
Readability [d]	1 µg
Verification scale interval [e]	1 mg
Tare range	-21 g
Standard repeatability [5% Max]	1,3 µg
Standard repeatability [Max]	3,5 µg
Standard minimum weight (USP)	2,6 mg
Standard minimum weight (U=1%, k=2)	0,26 mg
Permissible repeatability [5% Max]	2 µg
Permissible repeatability [Max]	5 µg
Linearity	±9 µg
Eccentric load deviation	15 µg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	~3,5 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Weighing chamber dimensions	199×170×217 mm
Weighing pan dimensions	ø30 mm
Packaging dimensions	435 x 885 x 540 mm
Net weight	14,5 kg
Gross weight	18,9 kg
Communication interface	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 or 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
Environmental conditions	
Operating temperature	+10 — +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)
Relative humidity	40% — 80%
Relative humidity change rate	±1%/h (±4%/8h)

* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

Accessories

Antivibration Tables
Barcode scanners
THBR 2.0 System - Ambient Conditions Monitoring
Anti-Draft Chamber for XA 4Y and XA 5Y Balances

Professional weighing table
MICRO-KIT - Set of Holders for Microscale Glassware
USB Hubs
Label Printers

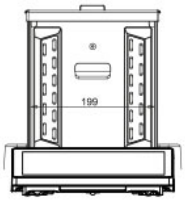
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

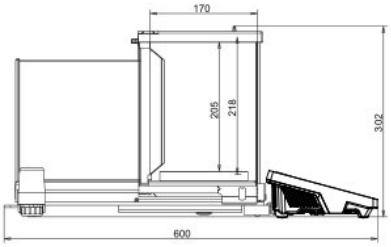
Software

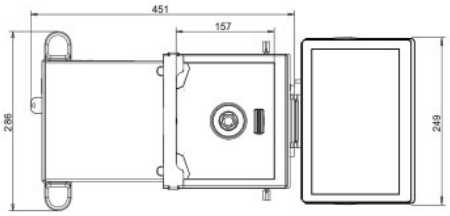
RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
RADWAG Development Studio

Audit Trail Reader
Label Editor R02
R-LAB
R.Barcode

Device dimensions







radwag.com

XA 110.5Y Analytical Balance

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

Functions

- Autotest
- Dosing
- Percent Weighing
- Parts counting
- Peak hold
- Formulation
- Newton unit measurement
- Statistics
- Checkweighing
- IR sensors
- GLP Procedures
- Animal weighing
- Pipettes Calibration
- Air density correction
- Density determination
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Minimum load	1 mg

Metrological parameters	
Readability [d]	0,01 mg
Verification scale interval [e]	1 mg
Tare range	-110 g
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,02 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,012 mg
Permissible repeatability [Max]	0,03 mg
Linearity	±0,06 mg
Eccentric load deviation	0,06 mg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	10" touchscreen
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply, RS232 cable.
Weighing chamber dimensions	168×160×228 mm
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	435 x 885 x 540 mm
Net weight	9,8 kg
Gross weight	14,3 kg
Communication interface	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max*
Environmental conditions	
Operating temperature	+10 — +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)
Relative humidity	20% — 80%
Relative humidity change rate	±1%/h (±4%/8h)

* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

Accessories

Barcode scanners
Density determination KIT
Professional weighing table
Holders for test tubes and filters
USB Hubs
Label Printers
Holders for laboratory flasks

THBR 2.0 System - Ambient Conditions Monitoring
Under-Pan Weighing Rack
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

RAD-KEY
Label Editor R02
R-LAB
RADWAG Development Studio

LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
R.Barcode

Device dimensions