



More information on the website
radwag.com/en/info,w1,3P2

PM 10.4Y Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Density determination



Differential weighing



Statistical Quality Control

Datasheet

Metrological parameters

Maximum capacity [Max]	10 kg
Minimum load	0,5 g
Preload range	1 kg
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-10 kg

Metrological parameters	
Minimum weight (USP)	8,2 g
Minimum weight (U=1%,k=2)	0,82 g
Repeatability (Max)	0,01 g
Repeatability (5% Max)	0,004 g
Linearity	±0,03 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	200×185 mm
Packaging dimensions	520×520×280 mm
Net weight	10 kg
Gross weight	12,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

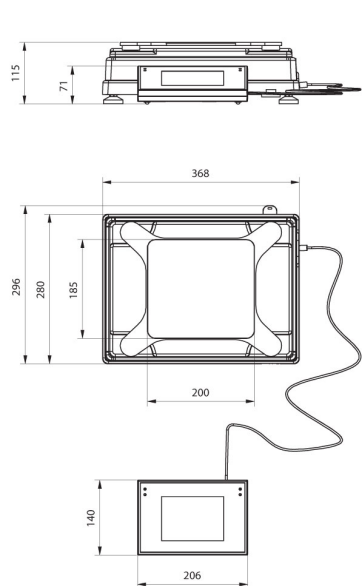
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

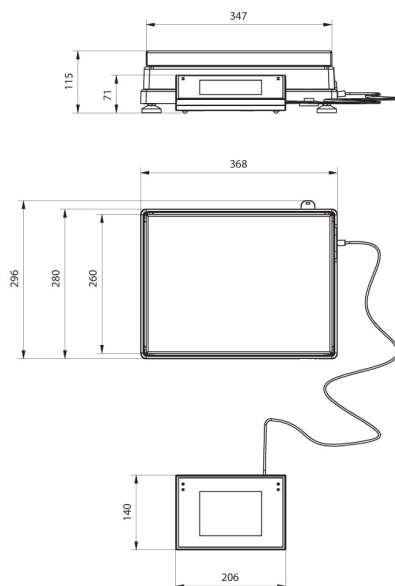
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

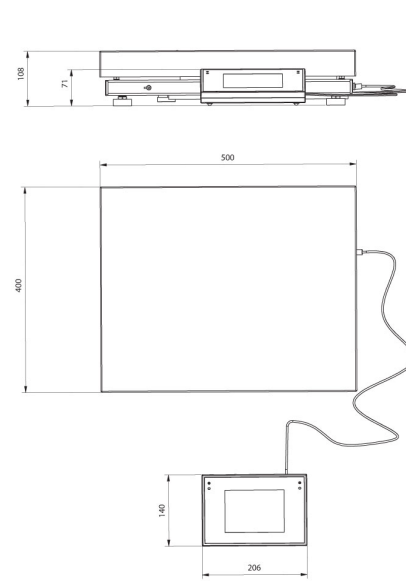
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















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

PM 15.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	15 kg
Minimum load	0,5 g
Preload range	1,5 kg
Readability [d]	0,01 g
Tare range	-15 kg
Minimum weight (USP)	8,2 g

Metrological parameters	
Minimum weight (U=1%,k=2)	0,82 g
Repeatability (Max)	0,01 g
Repeatability (5% Max)	0,004 g
Linearity	±0,03 g
Stabilization time	3 s
Adjustment	internal (automatic)
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	200×185 mm
Packaging dimensions	520×520×280 mm
Net weight	10 kg
Gross weight	12,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

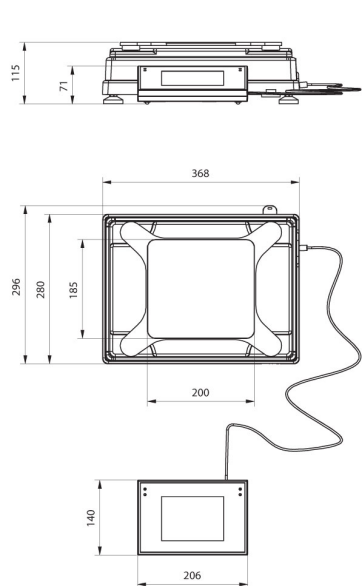
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

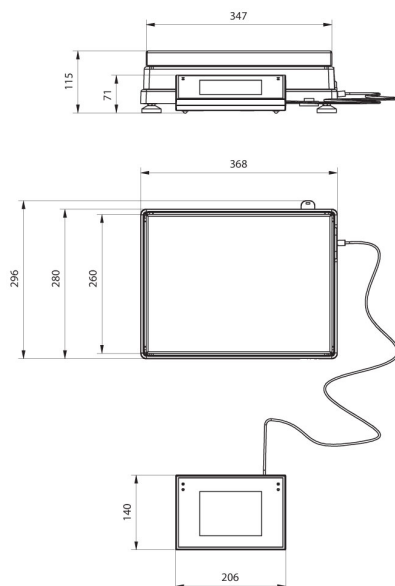
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

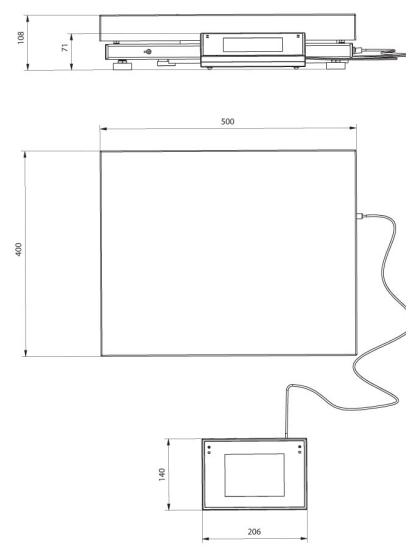
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg

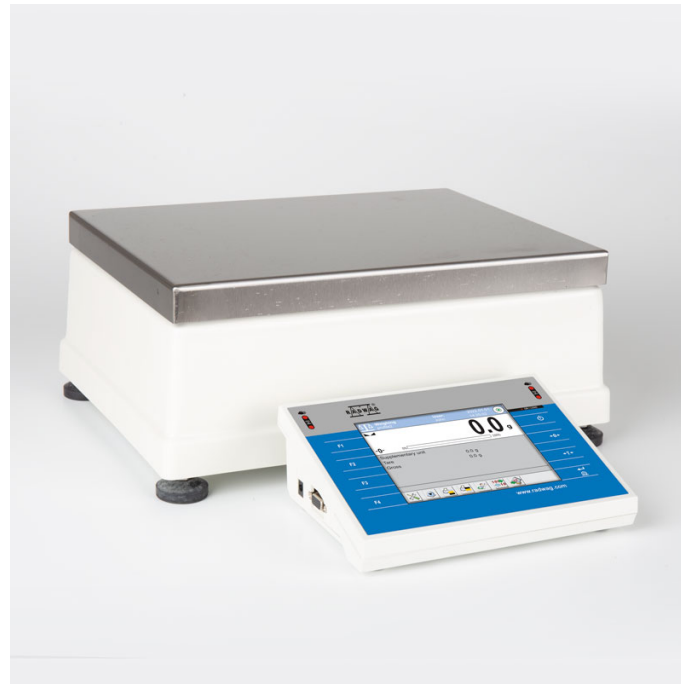


PM 4Y: d = 0.5 g, d = 1 g

















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

PM 35.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	35 kg
Minimum load	5 g
Preload range	3,5 kg
Readability [d]	0,1 g
Verification scale interval [e]	1 g
Tare range	-35 kg

Metrological parameters	
Minimum weight (USP)	82 g
Minimum weight (U=1%,k=2)	8,2 g
Repeatability (Max)	0,1 g
Repeatability (5% Max)	0,04 g
Linearity	±0,3 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	350×260 mm
Packaging dimensions	520×520×280 mm
Net weight	11 kg
Gross weight	13,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

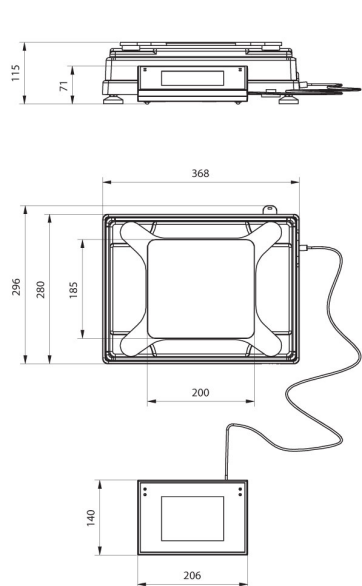
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

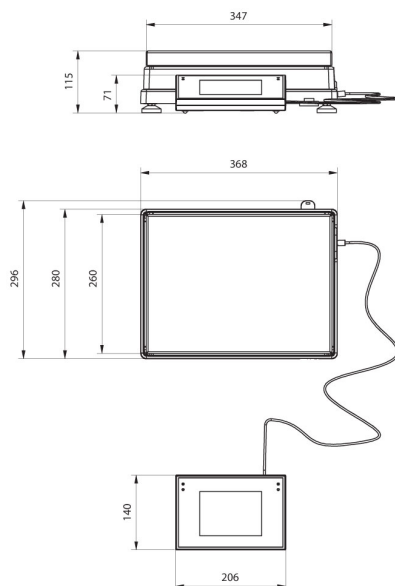
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

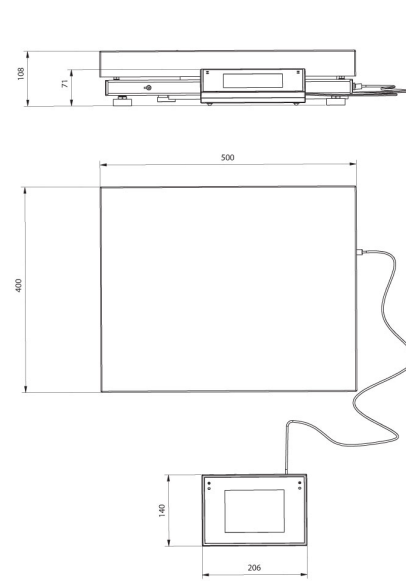
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















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

PM 60.05.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	60 kg
Minimum load	-
Readability [d]	0,5 g
Tare range	-60 kg
Minimum weight (USP)	410 g
Minimum weight (U=1%,k=2)	41 g

Metrological parameters	
Repeatability (Max)	0,4 g
Repeatability (5% Max)	0,2 g
Linearity	±1,5 g
Stabilization time	3 s
Adjustment	internal (automatic)
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	400×500 mm
Packaging dimensions	700×600×200 mm
Net weight	17 kg
Gross weight	19 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers

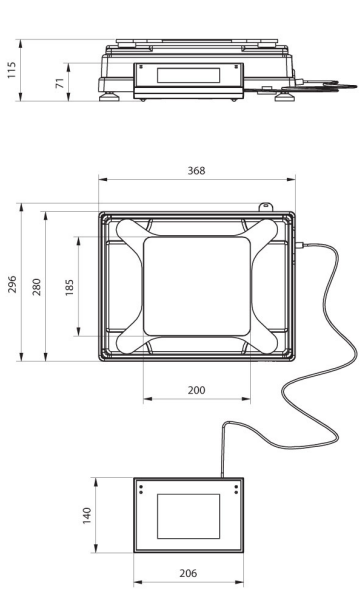
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

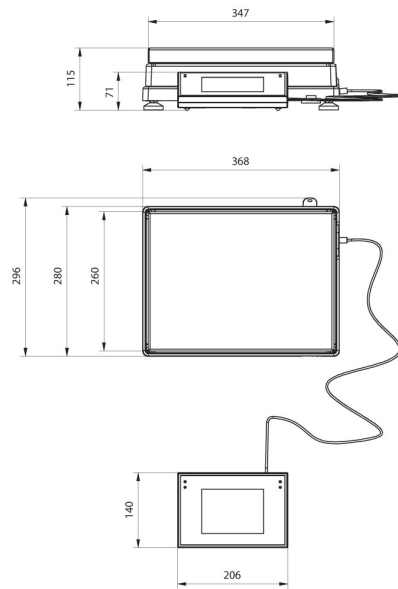
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

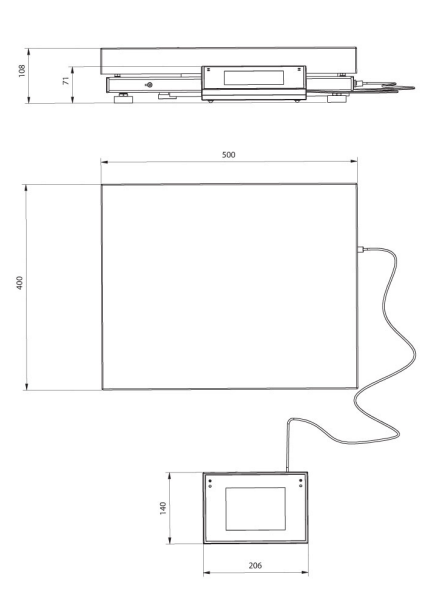
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















More information on the website
radwag.com/en/info,w1,1S0

PM 60.1.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	60 kg
Minimum load	-
Readability [d]	1 g
Tare range	-60 kg
Minimum weight (USP)	820 g
Minimum weight (U=1%,k=2)	82 g

Metrological parameters	
Repeatability (Max)	0,8 g
Repeatability (5% Max)	0,4 g
Linearity	±3 g
Stabilization time	3 s
Adjustment	internal (automatic)
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	400×500 mm
Packaging dimensions	700×600×200 mm
Net weight	17 kg
Gross weight	19 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers

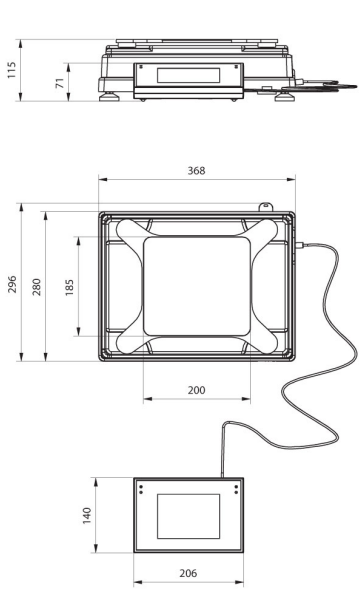
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

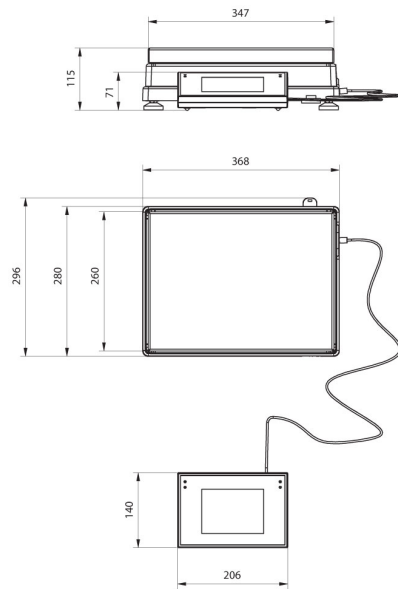
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

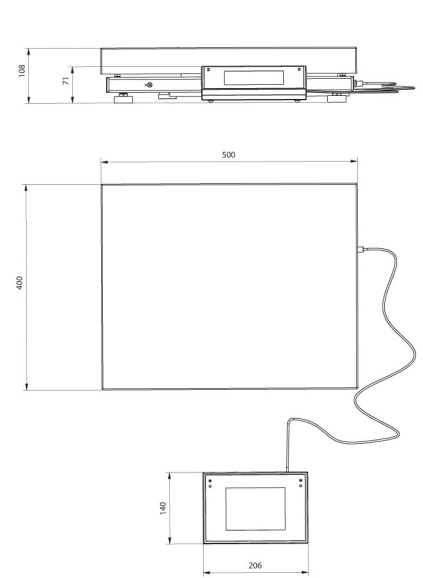
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















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

PM 50.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	50 kg
Minimum load	5 g
Preload range	5 kg
Readability [d]	0,1 g
Verification scale interval [e]	1 g
Tare range	-50 kg

Metrological parameters	
Minimum weight (USP)	82 g
Minimum weight (U=1%,k=2)	8,2 g
Repeatability (Max)	0,15 g
Repeatability (5% Max)	0,04 g
Linearity	±0,3 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5" graphic colour
Weighing pan dimensions	350×260 mm
Packaging dimensions	520×520×280 mm
Net weight	11 kg
Gross weight	13,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

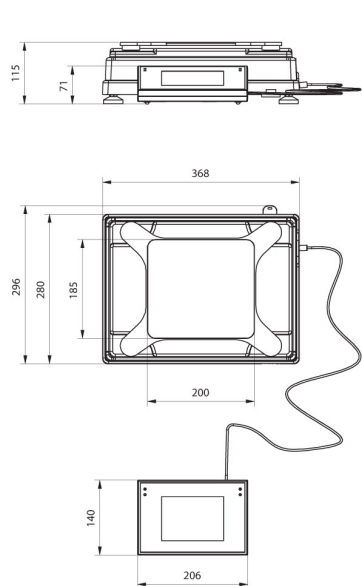
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

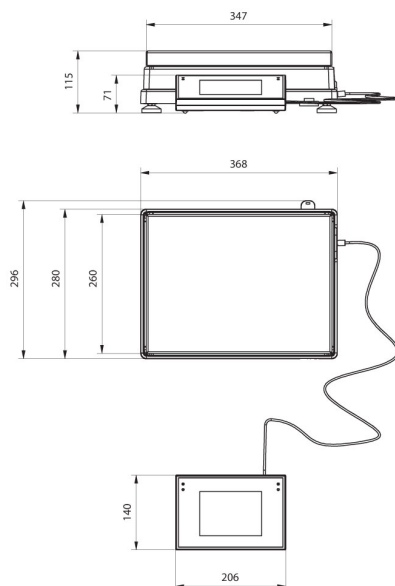
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

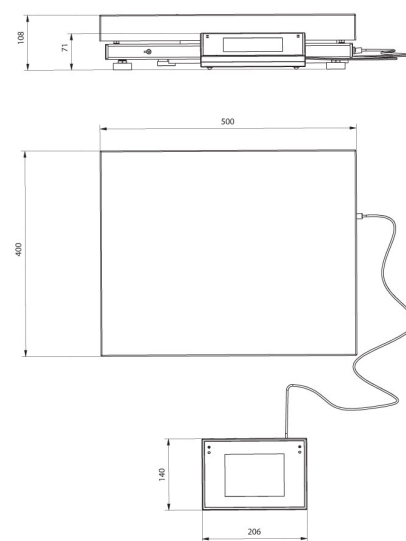
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g



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

PM 15.4Y Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Density determination



Differential weighing



Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	15 kg
Minimum load	0,5 g
Preload range	1,5 kg
Readability [d]	0,01 g
Tare range	-15 kg
Minimum weight (USP)	8,2 g

Metrological parameters	
Minimum weight (U=1%,k=2)	0,82 g
Repeatability (Max)	0,01 g
Repeatability (5% Max)	0,004 g
Linearity	±0,03 g
Stabilization time	3 s
Adjustment	internal (automatic)
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	200×185 mm
Packaging dimensions	520×520×280 mm
Net weight	10 kg
Gross weight	12,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

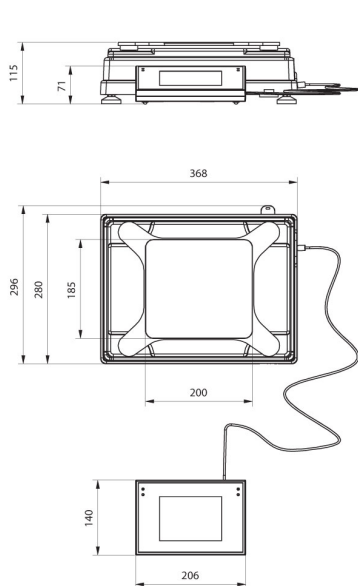
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

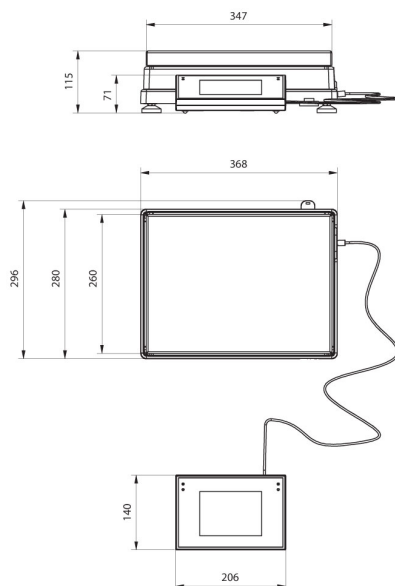
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

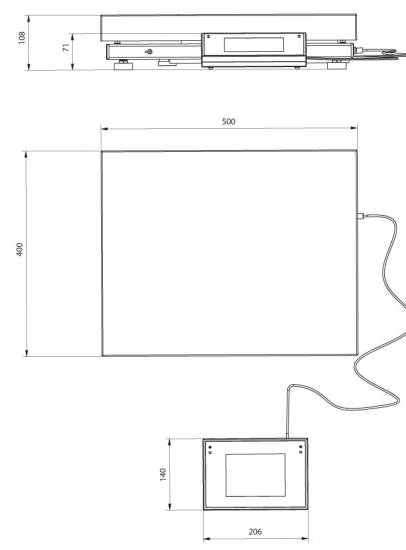
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g



More information on the website
radwag.com/en/info,w1,3P2

PM 10.4Y Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Density determination



Differential weighing



Statistical Quality Control

Datasheet

Metrological parameters

Maximum capacity [Max]	10 kg
Minimum load	0,5 g
Preload range	1 kg
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g
Tare range	-10 kg

Metrological parameters	
Minimum weight (USP)	8,2 g
Minimum weight (U=1%,k=2)	0,82 g
Repeatability (Max)	0,01 g
Repeatability (5% Max)	0,004 g
Linearity	±0,03 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	200×185 mm
Packaging dimensions	520×520×280 mm
Net weight	10 kg
Gross weight	12,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

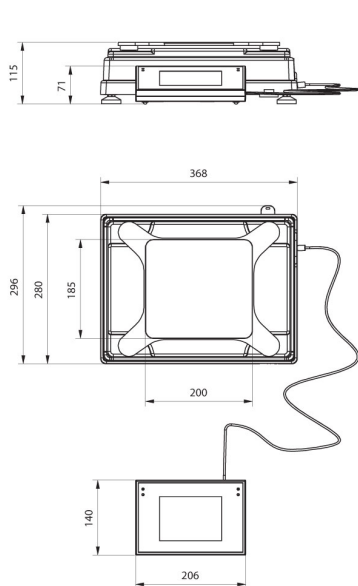
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

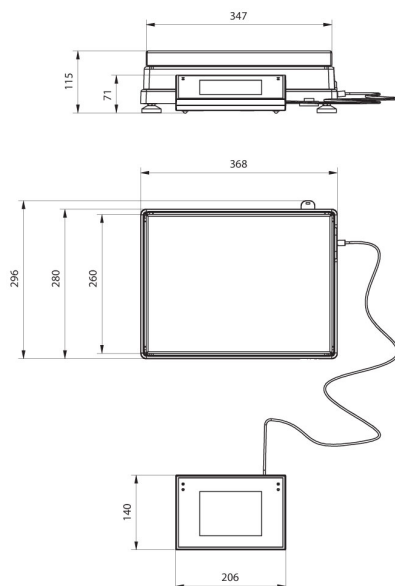
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

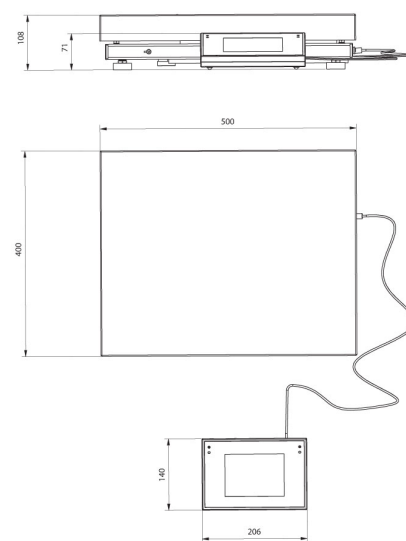
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















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

PM 35.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	35 kg
Minimum load	5 g
Preload range	3,5 kg
Readability [d]	0,1 g
Verification scale interval [e]	1 g
Tare range	-35 kg

Metrological parameters	
Minimum weight (USP)	82 g
Minimum weight (U=1%,k=2)	8,2 g
Repeatability (Max)	0,1 g
Repeatability (5% Max)	0,04 g
Linearity	±0,3 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	350×260 mm
Packaging dimensions	520×520×280 mm
Net weight	11 kg
Gross weight	13,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

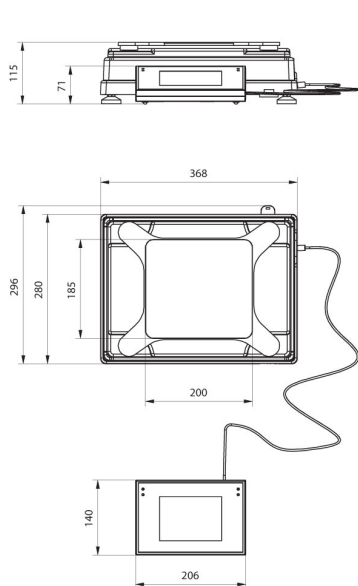
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

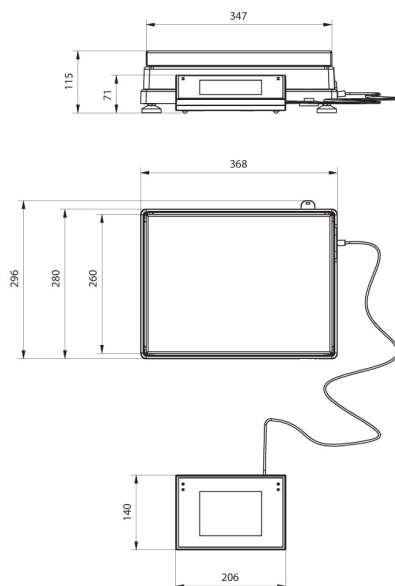
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

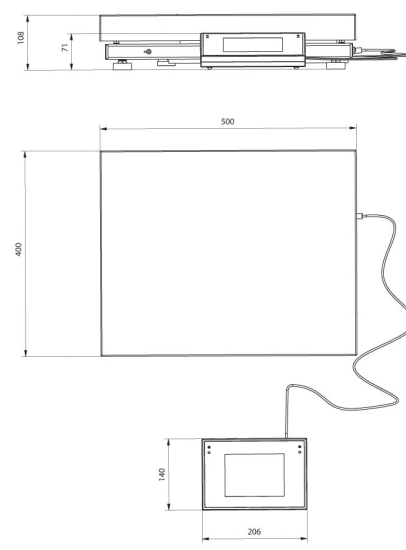
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg

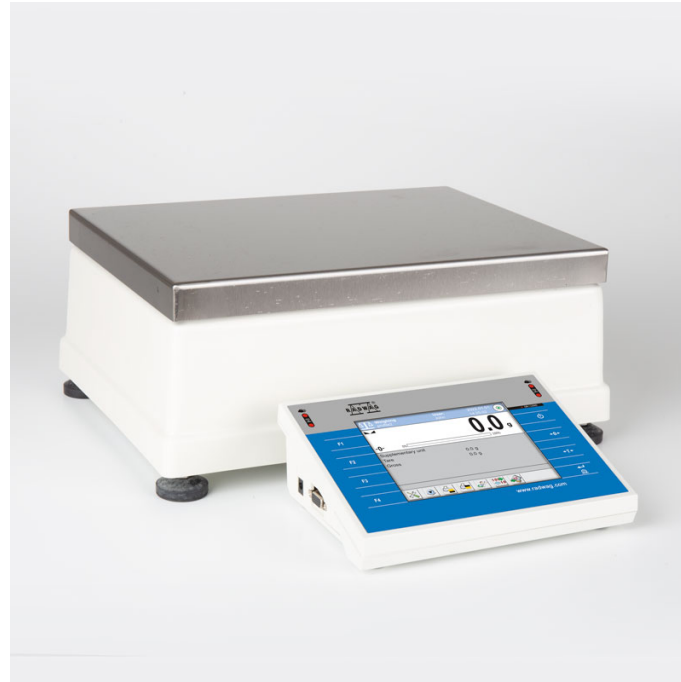


PM 4Y: d = 0.5 g, d = 1 g



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

PM 50.4Y Precision Balance



Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Density determination



Differential weighing



Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	50 kg
Minimum load	5 g
Preload range	5 kg
Readability [d]	0,1 g
Verification scale interval [e]	1 g
Tare range	-50 kg

Metrological parameters	
Minimum weight (USP)	82 g
Minimum weight (U=1%,k=2)	8,2 g
Repeatability (Max)	0,15 g
Repeatability (5% Max)	0,04 g
Linearity	±0,3 g
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5" graphic colour
Weighing pan dimensions	350×260 mm
Packaging dimensions	520×520×280 mm
Net weight	11 kg
Gross weight	13,2 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers
Protective cover for balances

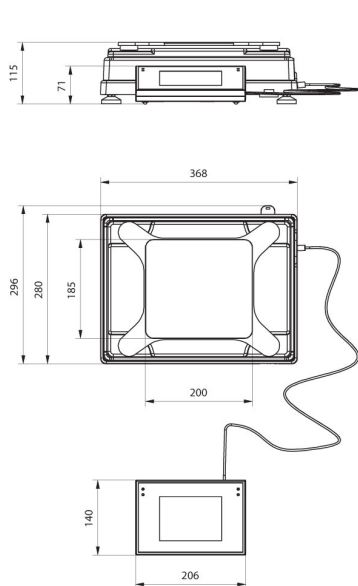
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

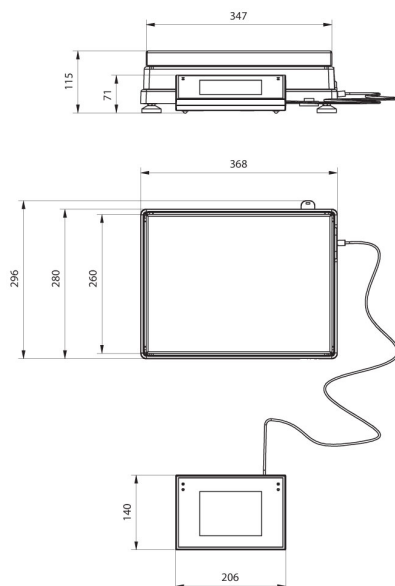
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

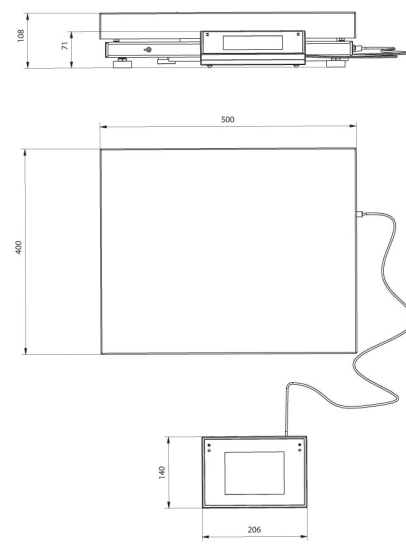
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















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

PM 60.05.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	60 kg
Minimum load	-
Readability [d]	0,5 g
Tare range	-60 kg
Minimum weight (USP)	410 g
Minimum weight (U=1%,k=2)	41 g

Metrological parameters	
Repeatability (Max)	0,4 g
Repeatability (5% Max)	0,2 g
Linearity	±1,5 g
Stabilization time	3 s
Adjustment	internal (automatic)
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	400×500 mm
Packaging dimensions	700×600×200 mm
Net weight	17 kg
Gross weight	19 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers

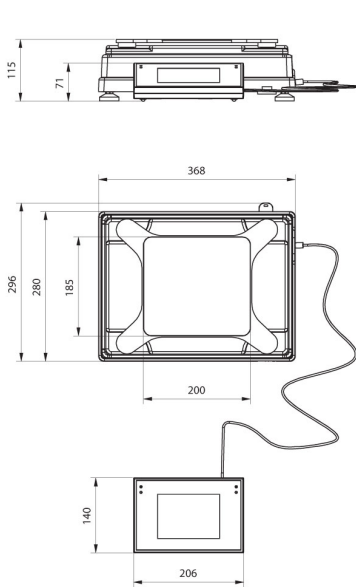
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

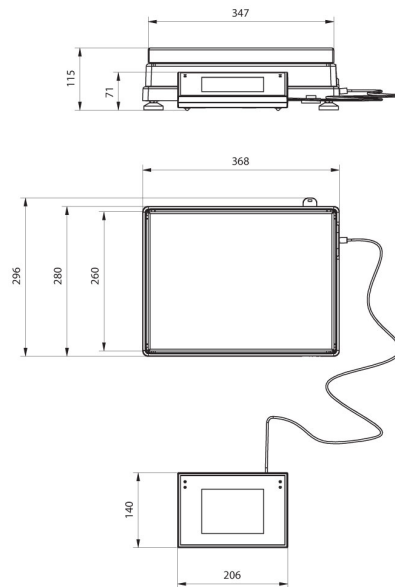
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

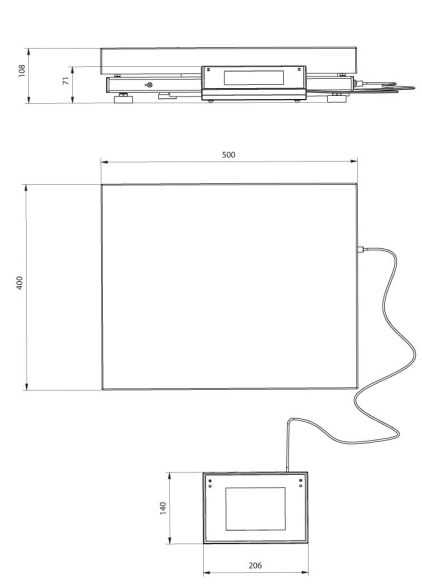
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g

















More information on the website
radwag.com/en/info,w1,1S0

PM 60.1.4Y Precision Balance



Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Density determination
-  Differential weighing
-  Statistical Quality Control

Datasheet

Metrological parameters	
Maximum capacity [Max]	60 kg
Minimum load	-
Readability [d]	1 g
Tare range	-60 kg
Minimum weight (USP)	820 g
Minimum weight (U=1%,k=2)	82 g

Metrological parameters	
Repeatability (Max)	0,8 g
Repeatability (5% Max)	0,4 g
Linearity	±3 g
Stabilization time	3 s
Adjustment	internal (automatic)
Physical parameters	
Levelling system	semi-automatic - LevelSENSING
Display	5,7" resistive colour touchscreen
Weighing pan dimensions	400×500 mm
Packaging dimensions	700×600×200 mm
Net weight	17 kg
Gross weight	19 kg
Protection class	IP 43
Communication interface	
Communication interface	2×RS232, 2×USB-A, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100-240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A 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.

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



Accessories

Antivibration Tables
Barcode scanners
Receipt Printer
USB Hubs
Label Printers

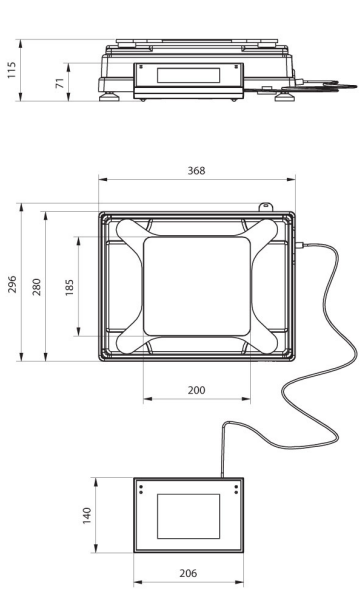
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

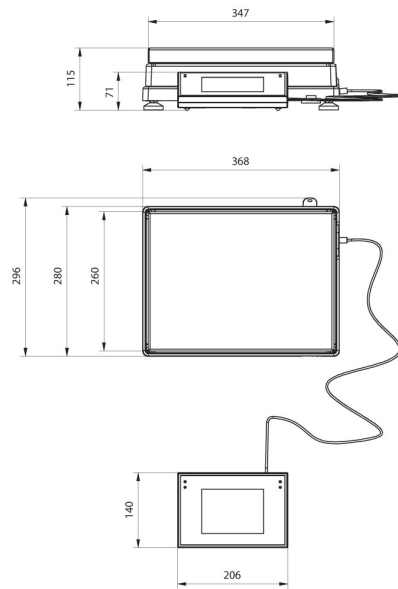
RAD-KEY
LabVIEW Driver
Label Editor R02
R-LAB
R.Barcode

Audit Trail Reader
E2R System
RADWAG Remote Desktop
RADWAG Development Studio

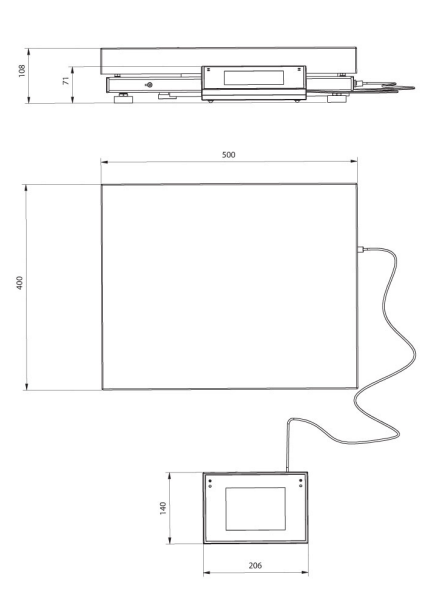
Device dimensions



PM 4Y, d = 0.01 mg



PM 4Y, d = 0.1 mg



PM 4Y: d = 0.5 g, d = 1 g