

RADWAG® BALANCES FUNCTIONS



Autotest



Dosing



Percent weighing



Parts counting



Peak hold



Formulation



Statistics



Checkweighing



IR sensors



GLP procedures



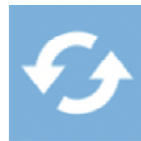
Animal weighing



Density determination



Ambient conditions monitoring



Replaceable unit



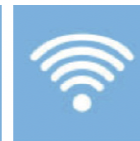
Statistical quality control



Alibi memory



Mass for titrator



Wi-Fi



Internal battery



Newton unit measurement



120 g / 0.1 mg



MSA	Model	Weighing pan size	Voltage	Kg
42.402	AS 120.R1	Ø 100 mm	100 - 240 V / 50-60 Hz	9.300

Analytical balance AS 120.R1 PLUS.

Maximum capacity : 120 g
Readability : 0.1 mg
Standard repeatability : 0.08 mg

Stabilisation time : 2 sec
OIML Class : -
Leveling system : manuel

Communication interface : 2×RS232,
2×USB-A (interchangeable), USB-B,
Wi-Fi (option)

Minimum load : 10 mg
Tare range : -120 g
Linearity : ±0.2 mg

Adjustment : external
Display : LCD (backlit)
Protection class : IP 43

Operating temperature : +10 ... +40° C

Spare part :

MSA	Item	Kg
42.402-P	External calibration weight for MSA42.402, E2 mass standard 100 g	0.100



200 g / 0.001 g



MSA	Model	Weighing pan size	Voltage	Kg
42.407	WTC 200	Ø 100 mm	100 - 240 V / 50-60 Hz	1.000

Precision balance WTC 200.

Maximum capacity : 200 g
Readability : 0.001 g
Standard repeatability : 0.002 g

Minimum load : -
Tare range : -200 g
Linearity : ± 0.004 g

Stabilisation time : 2 sec
OIML Class : -
Leveling system : manuel

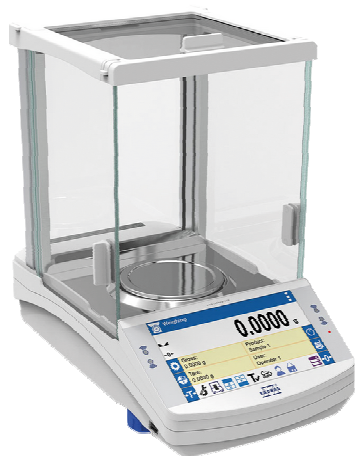
Adjustment : external
Display : LCD (backlit)
Protection class : IP 43

Communication interface : RS232,
USB-A, USB-B

Operating temperature : +15 ... +30° C

Spare part :

MSA	Item	Kg
42.407-P	External calibration weight for MSA42.407, F1 mass standard 200 g	0.200



220 g / 0.0001 g



MSA	Model	Weighing pan size	Voltage	Kg
42.417	AS 220.X7	Ø 100 mm	100 - 240 V / 50-60 Hz	9.500

Analytical balance AS 220.X7.

Maximum capacity : 220 g
Readability : 0.0001 g
Standard repeatability : 0.00006 g

Minimum load : 10 mg
Tare range : -220 g
Linearity : ± 0.0002 g

Stabilisation time : 2 sec
OIML Class : I
Leveling system : manuel

Adjustment : internal (automatic)
Display : LCD (backlit)
Protection class : IP 43

Communication interface : RS232,
2xUSB-A (interchangeable), USB-B,
Wi-Fi, Ethernet

Operating temperature : +10 ... +40° C



310 g / 0.1 mg



MSA	Model	Weighing pan size	Voltage	Kg
42.401	AS 310.R2	Ø 100 mm	100 - 240 V / 50-60 Hz	9.000

Analytical balance AS 310.R2 PLUS.

Maximum capacity : 310 g	Minimum load : 10 mg
Readability : 0.1 mg	Tare range : -310 g
Standard repeatability : 0.12 mg	Linearity : ±0.2 mg
Stabilisation time : 2.5 sec	Adjustment : internal (automatic)
OIML Class : I	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2×RS232, 2×USB-A (interchangeable), USB-B, Wi-Fi (option)	Operating temperature : +10 ... +40° C



360 g / 0.001 g



MSA	Model	Weighing pan size	Voltage	Kg
42.404	PS 360.R2	128 x 128 mm	100 - 240 V / 50-60 Hz	5.000

Precision balance PS 360.R2.

Accessory : MSA42.451, anti-draft protection chamber (order separately).

Maximum capacity : 360 g	Minimum load : 20 mg
Readability : 0.001 g	Tare range : -360 g
Standard repeatability : 0.001 g	Linearity : ±0.002 g
Stabilisation time : 2 sec	Adjustment : internal (automatic)
OIML Class : II	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2×RS232, USB-A, USB-B, Wi-Fi (option)	Operating temperature : +10 ... +40° C



360 g / 0.001 g



MSA	Model	Weighing pan size	Voltage	Kg
42.418	PS 360.X7	128 x 128 mm	100 - 240 V / 50-60 Hz	5.000

Precision balance PS 360.X7.

Accessory : MSA42.451, anti-draft protection chamber (order separately).

Maximum capacity : 360 g	Minimum load : 20 mg
Readability : 0.001 g	Tare range : -360 g
Standard repeatability : 0.0005 g	Linearity : ± 0.002 g
Stabilisation time : 2 sec	Adjustment : internal (automatic)
OIML Class : II	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2xRS232, USB-A, USB-B, Ethernet, Wi-Fi	Operating temperature : +10 ... +40° C



600 g / 0.01 g



MSA	Model	Weighing pan size	Voltage	Kg
42.410	WLC 0,6/A1/C/2	128 x 128 mm	100 - 240 V / 50-60 Hz	3.500

Precision balance WLC 0,6/A1/C/2.

Maximum capacity : 600 g	Minimum load : 0.5 g
Readability : 0.01 g	Tare range : -600 g
Standard repeatability : 0.015 g	Linearity : ± 0.02 g
Stabilisation time : 3 sec	Adjustment : internal (automatic)
OIML Class : II	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2xRS232, USB-A, USB-B	Operating temperature : +15 ... +30° C



750 g / 0.001 g



MSA	Model	Weighing pan size	Voltage	Kg
42.406	PS 750.R1	128 x 128 mm	100 - 240 V / 50-60 Hz	4.500

Precision balance PS 750.R1.

Accessory : MSA42.451, anti-draft protection chamber (order separately).

Maximum capacity : 750 g	Minimum load : 20 mg
Readability : 0.001 g	Tare range : -750 g
Standard repeatability : 0.0015 g	Linearity : ±0.003 g
Stabilisation time : 2 sec	Adjustment : external
OIML Class : -	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2×RS232, USB-A, USB-B, Wi-Fi (option)	Operating temperature : +10 ... +40° C

Spare part :

MSA	Item	Kg
42.406-P	External calibration weight for MSA42.406, F1 mass standard 500 g	0.500



750 g / 0.001 g



MSA	Model	Weighing pan size	Voltage	Kg
42.405	PS 750.R2	128 x 128 mm	100 - 240 V / 50-60 Hz	5.000

Precision balance PS 750.R2.

Accessory : MSA42.451, anti-draft protection chamber (order separately).

Maximum capacity : 750 g	Minimum load : 20 mg
Readability : 0.001 g	Tare range : -750 g
Standard repeatability : 0.0015 g	Linearity : ±0.003 g
Stabilisation time : 2 sec	Adjustment : internal (automatic)
OIML Class : II	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2×RS232, USB-A, USB-B, Wi-Fi (option)	Operating temperature : +10 ... +40° C



2000 g / 0.01 g



MSA	Model	Weighing pan size	Voltage	Kg
42.411	WTC 2000	128 x 128 mm	100 - 240 V / 50-60 Hz	2.000

Precision balance WTC 2000.

Maximum capacity : 2000 g	Minimum load : -
Readability : 0.01 g	Tare range : -2000 g
Standard repeatability : 0.01 g	Linearity : ± 0.03 g
Stabilisation time : 2 sec	Adjustment : external
OIML Class : -	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : RS232, USB-A, USB-B	Operating temperature : +15 ... +30° C

Spare part :

MSA	Item	Kg
42.409-P	External calibration weight for MSA42.409, F1 mass standard 2 Kg	2.000



3100 g / 0.1 g



MSA	Model	Weighing pan size	Voltage	Kg
42.413	WTC 3000	128 x 128 mm	100 - 240 V / 50-60 Hz	2.000

Precision balance WTC 3000.

Maximum capacity : 3100 g	Minimum load : -
Readability : 0.1 g	Tare range : -3100 g
Standard repeatability : 0.1 g	Linearity : ± 0.3 g
Stabilisation time : 2 sec	Adjustment : external
OIML Class : -	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : RS232, USB-A, USB-B	Operating temperature : +15 ... +30° C

Spare part :

MSA	Item	Kg
42.413-P	External calibration weight for MSA42.413, F1 mass standard 20 Kg	20.000



3500 g / 0.01 g



MSA	Model	Weighing pan size	Voltage	Kg
42.409	PS 3500.R1.M	195 x 195 mm	100 - 240 V / 50-60 Hz	5.100

Precision balance PS 3500.R1.M.

Maximum capacity : 3500 g	Minimum load : 500 mg
Readability : 0.01 g	Tare range : -3500 g
Standard repeatability : 0.008 g	Linearity : ± 0.02 g
Stabilisation time : 1.5 sec	Adjustment : external
OIML Class : -	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2xRS232, USB-A, USB-B, Wi-Fi (option)	Operating temperature : +10 ... +40° C

Spare part :

MSA	Item	Kg
42.409-P	External calibration weight for MSA42.409, F1 mass standard 2 Kg	2.000



6000 g / 0.1 g



MSA	Model	Weighing pan size	Voltage	Kg
42.412	WLC 6/A2/C/2	195 x 195 mm	100 - 240 V / 50-60 Hz	4.000

Precision balance WLC 6/A2/C/2.

Maximum capacity : 6000 g	Minimum load : 5 g
Readability : 0.1 g	Tare range : -6000 g
Standard repeatability : 0.15 g	Linearity : ± 0.2 g
Stabilisation time : 3 sec	Adjustment : internal (automatic)
OIML Class : II	Display : LCD (backlit)
Leveling system : manuel	Protection class : IP 43
Communication interface : 2xRS232, USB-A, USB-B, Wi-Fi (option)	Operating temperature : +15 ... +30° C



6100 g / 0.01 g



MSA	Model	Weighing pan size	Voltage	Kg
42.408	PS 6100.R2.M	195 x 195 mm	100 - 240 V / 50-60 Hz	6.000

Precision balance PS 6100.R2.M.

Maximum capacity : 6100 g
Readability : 0.01 g
Standard repeatability : 0.008 g

Minimum load : 0.5 g
Tare range : -6100 g
Linearity : ± 0.03 g

Stabilisation time : 1.5 sec
OIML Class : II
Leveling system : manuel

Adjustment : internal (automatic)
Display : LCD (backlit)
Protection class : IP 43

Communication interface : 2xRS232,
USB-A, USB-B, Wi-Fi (option)

Operating temperature : +10 ... +40° C



10 Kg / 0.1 g



MSA	Model	Weighing pan size	Voltage	Kg
42.414	WLC 10/A2	195 x 195 mm	100 - 240 V / 50-60 Hz	3.500

Precision balance WLC 10/A2.

Maximum capacity : 10 Kg
Readability : 0.1 g
Standard repeatability : 0.1 g

Minimum load : -
Tare range : -10 Kg
Linearity : ± 0.03 g

Stabilisation time : 3 sec
OIML Class : -
Leveling system : manuel

Adjustment : external
Display : LCD (backlit)
Protection class : IP 43

Communication interface : 2xRS232,
USB-A, USB-B

Operating temperature : +15 ... +30° C

Spare part :

MSA	Item	Kg
42.414-P	External calibration weight for MSA42.414, F1 mass standard 10 Kg	10.000



30 Kg / 0.5 g



MSA	Model	Weighing pan size	Voltage	Kg
42.415	WLC 30/F1/K	300 x 300 mm	100 - 240 V / 50-60 Hz	6.000

Precision balance WLC 30/F1/K.

Maximum capacity : 30 Kg Readability : 0.5 g Standard repeatability : 0.5 g	Minimum load : - Tare range : -30 Kg Linearity : ±1.5 g
Stabilisation time : 3 sec OIML Class : - Leveling system : manuel	Adjustment : external Display : LCD (backlit) Protection class : IP 43
Communication interface : RS232	Operating temperature : +15 ... +30° C

Spare part :

MSA	Item	Kg
42.415-P	External calibration weight for MSA42.415, F1 mass standard 30 Kg	30.000



60 Kg / 1 g



MSA	Model	Weighing pan size	Voltage	Kg
42.416	WLC 60/C2/K	400 x 500 mm	100 - 240 V / 50-60 Hz	13.500

Precision balance WLC 60/C2/K.

Maximum capacity : 60 Kg Readability : 1 g Standard repeatability : 1 g	Minimum load : 50 g Tare range : -60 Kg Linearity : ±3 g
Stabilisation time : 3 sec OIML Class : II Leveling system : manuel	Adjustment : - Display : LCD (backlit) Protection class : IP 43
Communication interface : RS232	Operating temperature : +15 ... +30° C



MSA	Model	Size	Voltage	Kg
42.453	RTP-UEW80 (USB + ETHERNET + Wi-Fi)	127 × 127 x 129 mm	100 - 240 V / 50-60 Hz 24 V DC 2.5 A	1.200

Printer compatible with all RADWAG laboratory balances and industrial scales.
 Their connection and configuration are intuitively easy and takes barely few moments (Plug and Play).
 Connection via Wi-Fi® enables remote printing.
 The printer is equipped with a paper cutter ensuring operation ergonomics.

Spare part :

MSA	Item	Kg
42.450-P	Paper roll, width 80 mm x length 75 m	-



MSA	Size	Kg
42.451	194 x 200 x 264 mm	72.500

The anti-draft protection chamber is intended for balances featuring a weighing pan 128×128 mm.
 It is an optional equipment for balances operating in unfavourable ambient conditions (air currents, air movements).
 It is installed as replacement of a standard pan draft shield.
 It features slidable top and side doors ensuring unbounded access to the weighing pan.



MSA	Model	Kg
42.455	SAL/C	62.000
42.456	SAL/C PLUS	68.000

The antivibration table has been designed to eliminate ground vibrations during the operation of laboratory equipment such as microbalances, analytical balances and others.
 It consists of two separate constructions : the outer, designed to isolate the working part, and the inner.
 The working structure includes a table and a stone separated by a vibration damper.
 The table features a stone top (located at the centre of the table) and adjustable feet with protective rubber tips, facilitating table levelling on uneven surfaces.
 The structure of the table is made of powder-coated steel and the top is made of MDF.