



More information on the website
radwag.com/us/info,w1,WFM

WLC 10/A2.IO Precision Balance, WLC 6/F1/R Precision Balance, WLC 1/A2 Precision Balance, WLC 6/A2.IO Precision Balance, WLC 30/F1/R Precision Balance, WLC 60/C2/R Precision Balance, WLC 6/A2 Precision Balance, WLC 60/C2/K Precision Balance, WLC 2/A2.IO Precision Balance, WLC 20/A2.IO Precision Balance, WLC 6/F1/K Precision Balance, WLC 10/A2 Precision Balance, WLC 2/A2 Precision Balance, WLC 1/A2.IO Precision Balance, WLC 20/A2 Precision Balance, WLC 30/F1/K Precision Balance



WLC 10/A2.IO Precision Balance
 WLC 6/A2.IO Precision Balance
 WLC 6/A2 Precision Balance
 WLC 20/A2.IO Precision Balance
 WLC 10/A2 Precision Balance
 WLC 20/A2 Precision Balance



WLC 6/F1/R Precision Balance
 WLC 30/F1/R Precision Balance



WLC 1/A2 Precision Balance
 WLC 2/A2.IO Precision Balance
 WLC 2/A2 Precision Balance
 WLC 1/A2.IO Precision Balance



WLC 60/C2/R Precision Balance



WLC 60/C2/K Precision Balance



WLC 6/F1/K Precision Balance
 WLC 30/F1/K Precision Balance

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

Functions



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit measurement

Datasheet

	WLC 1/A2.IO Precision Balance	WLC 1/A2 Precision Balance	WLC 2/A2.IO Precision Balance
Maximum capacity [Max]	1 kg	1 kg	2 kg
Minimum load	-	-	-
Readability [d]	0,01 g	0,01 g	0,01 g
Verification scale interval [e]	-	-	-
Tare range	-1 kg	-1 kg	-2 kg
Repeatability	0,01 g	0,01 g	0,01 g
Linearity	±0,03 g	±0,03 g	±0,03 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	-	-	-
Physical parameters			
Leveling system	manual	manual	manual
Display	LCD (backlit)	LCD (backlit)	LCD (backlit)
Protection class	IP 43	IP 43	IP 43
Weighing pan dimensions	195×195 mm	195×195 mm	195×195 mm
Packaging dimensions	470×380×336 mm	470×380×336 mm	470×380×336 mm
Net weight	2,8 kg	2,8 kg	2,8 kg
Gross weight	4,3 kg	4,3 kg	4,3 kg
Communication interface	2×RS232, USB-A, USB-B, 4 IN / 4 OUT	2×RS232, USB-A, USB-B	2×RS232, USB-A, USB-B, 4 IN / 4 OUT
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	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)	15 h (average time)	15 h (average time)
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Relative humidity	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation

Datasheet

	WLC 2/A2 Precision Balance	WLC 6/F1/R Precision Balance	WLC 6/A2.IO Precision Balance
Maximum capacity [Max]	2 kg	6 kg	6 kg
Minimum load	–	5 g	5 g
Readability [d]	0,01 g	0,1 g	0,1 g
Verification scale interval [e]	-	1 g	1 g
Tare range	-2 kg	-6 kg	-6 kg
Repeatability	0,01 g	0,1 g	0,1 g
Linearity	±0,03 g	±0,2 g	±0,2 g
Stabilization time	3 s	3 s	3 s
Adjustment	external		-
OIML Class	–	II	II
Physical parameters			
Leveling system	manual	manual	manual
Display	LCD (backlit)	LCD (backlit)	LCD (backlit)
Protection class	IP 43	IP 43	IP 43
Weighing pan dimensions	195×195 mm	300×300 mm	195×195 mm
Packaging dimensions	470×380×336 mm	570×390×170 mm	470×380×336 mm
Net weight	2,8 kg	5,2 kg	2,8 kg
Gross weight	4,3 kg	6 kg	4,3 kg
Communication interface	2×RS232, USB-A, USB-B	RS232	2×RS232, USB-A, USB-B, 4 IN / 4 OUT
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	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)	10 h (average time)	15 h (average time)
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Relative humidity	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation

Datasheet

	WLC 6/F1/K Precision Balance	WLC 6/A2 Precision Balance	WLC 10/A2 Precision Balance
Maximum capacity [Max]	6 kg	6 kg	10 kg
Minimum load	5 g	5 g	–
Readability [d]	0,1 g	0,1 g	0,1 g
Verification scale interval [e]	1 g	1 g	-
Tare range	-6 kg	-6 kg	-10 kg
Repeatability	0,1 g	0,1 g	0,1 g
Linearity	±0,2 g	±0,2 g	±0,3 g
Stabilization time	3 s	3 s	3 s
Adjustment			external
OIML Class	II	II	–
Physical parameters			
Leveling system	manual	manual	manual
Display	LCD (backlit)	LCD (backlit)	LCD (backlit)
Protection class	IP 43	IP 43	IP 43
Weighing pan dimensions	300×300 mm	195×195 mm	195×195 mm
Packaging dimensions	570×390×170 mm	470×380×336 mm	470×380×336 mm
Net weight	5,2 kg	2,8 kg	2,8 kg
Gross weight	6 kg	4,3 kg	4,3 kg
Communication interface	RS232	2×RS232, USB-A, USB-B	2×RS232, USB-A, USB-B
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	10 h (average time)	15 h (average time)	15 h (average time)
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Relative humidity	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation

Datasheet

	WLC 10/A2.IO Precision Balance	WLC 20/A2 Precision Balance	WLC 20/A2.IO Precision Balance
Maximum capacity [Max]	10 kg	20 kg	20 kg
Minimum load	-	-	-
Readability [d]	0,1 g	0,1 g	0,1 g
Verification scale interval [e]	-	-	-
Tare range	-10 kg	-20 kg	-20 kg
Repeatability	0,1 g	0,1 g	0,1 g
Linearity	±0,3 g	±0,3 g	±0,3 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	external
OIML Class	-	-	-
Physical parameters			
Leveling system	manual	manual	manual
Display	LCD (backlit)	LCD (backlit)	LCD (backlit)
Protection class	IP 43	IP 43	IP 43
Weighing pan dimensions	195×195 mm	195×195 mm	195×195 mm
Packaging dimensions	470×380×336 mm	470×380×336 mm	470×380×336 mm
Net weight	2,8 kg	2,8 kg	2,8 kg
Gross weight	4,3 kg	4,3 kg	4,3 kg
Communication interface	2×RS232, USB-A, USB-B, 4 IN / 4 OUT	2×RS232, USB-A, USB-B	2×RS232, USB-A, USB-B, 4 IN / 4 OUT
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	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)	15 h (average time)	15 h (average time)
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Relative humidity	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation

Datasheet

	WLC 30/F1/R Precision Balance	WLC 30/F1/K Precision Balance	WLC 60/C2/R Precision Balance
Maximum capacity [Max]	30 kg	30 kg	60 kg
Minimum load	–	–	50 g
Readability [d]	0,5 g	0,5 g	1 g
Verification scale interval [e]	-	-	–
Tare range	-30 kg	-30 kg	-60 kg
Repeatability	0,5 g	0,5 g	1 g
Linearity	±1,5 g	±1,5 g	±3 g
Stabilization time	3 s	3 s	3 s
Adjustment	external	external	
OIML Class	–	–	II
Physical parameters			
Leveling system	manual	manual	manual
Display	LCD (backlit)	LCD (backlit)	LCD (backlit)
Protection class	IP 43	IP 43	IP 43
Weighing pan dimensions	300×300 mm	300×300 mm	400×500 mm
Packaging dimensions	570×390×170 mm	570×390×170 mm	720×620×210 mm
Net weight	5,2 kg	5,2 kg	12,5 kg
Gross weight	6 kg	6 kg	15 kg
Communication interface	RS232	RS232	RS232
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	10 h (average time)	10 h (average time)	10 h (average time)
Operating temperature	+15 ÷ +30 °C	+15 ÷ +30 °C	+15 ÷ +30 °C
Relative humidity	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation	10% ÷ 85% RH no condensation

Datasheet

	WLC 60/C2/K Precision Balance
Maximum capacity [Max]	60 kg
Minimum load	50 g
Readability [d]	1 g
Verification scale interval [e]	10 g
Tare range	-60 kg
Repeatability	1 g
Linearity	±3 g
Stabilization time	3 s
Adjustment	
OIML Class	II
Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	400×500 mm
Packaging dimensions	720×620×210 mm
Net weight	12,5 kg
Gross weight	15 kg
Communication interface	RS232
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 10 – 15VDC 0,6A max
Operation time on batteries	10 h (average time)
Operating temperature	+15 ÷ +30 °C
Relative humidity	10% ÷ 85% RH no condensation



Accessories

!Balance Storage Case
Antivibration tables
RS 232 cables (scale - printer)
Stands, wall mounting kits and mounting brackets
Cigarette lighter receptacle power supply cables
Displays
Under-pan weighing
Density determination KIT

RS 232 – Ethernet Converter
Receipt Printer
AP2-1 Current Loop Unit
RS 232, RS 485 cables
RS 232 – USB Converter
Protective cover for balances
Under-Pan Weighing Rack
RS 232 – RS 485 Converter

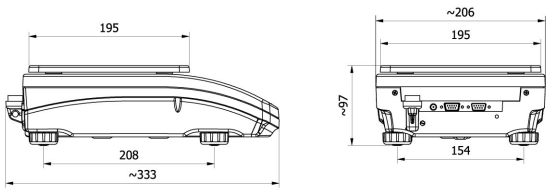
Software

!RAD-KEY
!Scales Editor 2.1

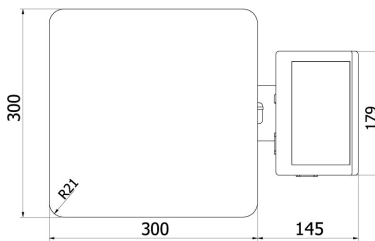
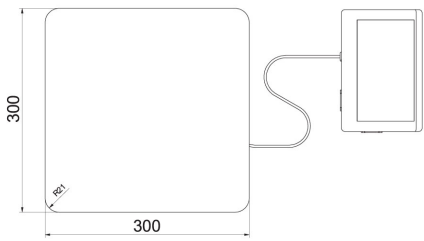
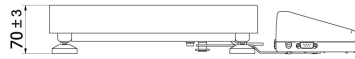
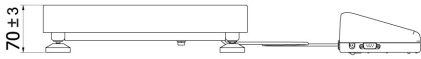
!LabVIEW Driver

Device dimensions

WLC 10/A2.IO Precision Balance, WLC 6/F1/R Precision Balance, WLC 1/A2 Precision Balance, WLC 6/A2.IO Precision Balance, WLC 30/F1/R Precision Balance, WLC 60/C2/R Precision Balance, WLC 6/A2 Precision Balance, WLC 60/C2/K Precision Balance, WLC 2/A2.IO Precision Balance, WLC 20/A2.IO Precision Balance, WLC 6/F1/K Precision Balance, WLC 10/A2 Precision Balance, WLC 2/A2 Precision Balance, WLC 1/A2.IO Precision Balance, WLC 20/A2 Precision Balance, WLC 30/F1/K Precision Balance

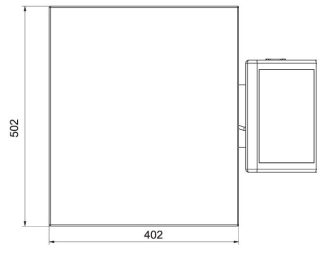
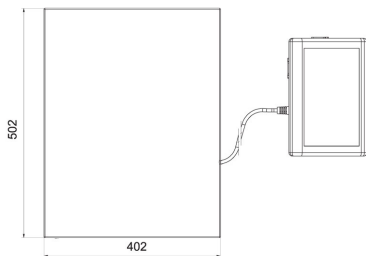
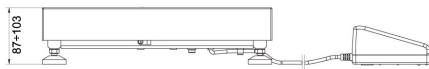


WLC A2



WLC F1/K

WLC F1/R



WLC C2/K

WLC C2/R