



More information on the website
radwag.com/en/info,w1,71Q

WLC 1/A2 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

Metrological parameters	
Maximum capacity [Max]	1 kg
Readability [d]	0,01 g
Verification scale interval [e]	-
Tare range	-1 kg
Repeatability	0,01 g
Linearity	±0,03 g
Stabilization time	3 s
Adjustment	external

Physical parameters	
Leveling system	manual
Display	LCD (backlit)
Protection class	IP 43
Weighing pan dimensions	195×195 mm
Packaging dimensions	470×380×336 mm
Net weight	2,8 kg
Gross weight	4,3 kg
Communication interface	
Communication interface	2×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
Relative humidity	10% ÷ 85% RH no condensation

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

Antivibration Tables
 RS 232 cables (scale - printer)
 Cigarette lighter receptacle power supply cables
 Displays
 Density determination KIT
 RS 232 – Ethernet Converter

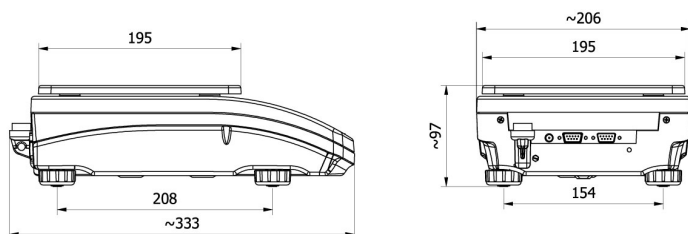
AP2-1 Current Loop Unit
 RS 232, RS 485 cables
 RS 232 – USB Converter
 Protective cover for balances
 Under-Pan Weighing Rack
 RS 232 – RS 485 Converter

Software

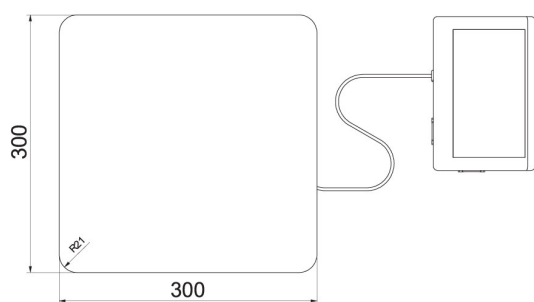
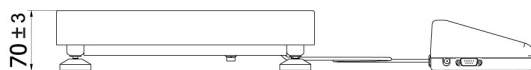
RAD-KEY
 R-LAB

LabVIEW Driver
 Scales Editor 2.1

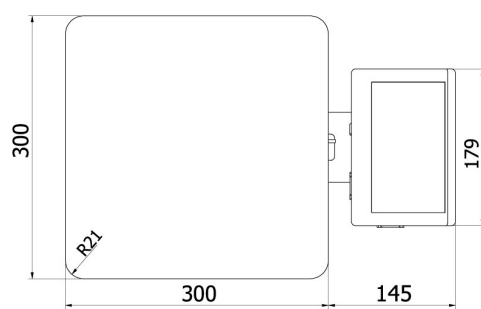
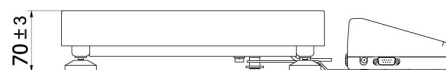
Device dimensions



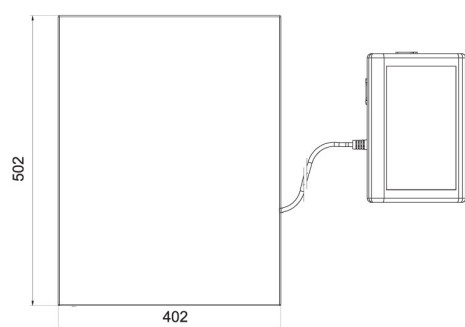
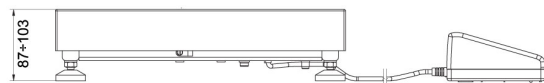
WLC A2



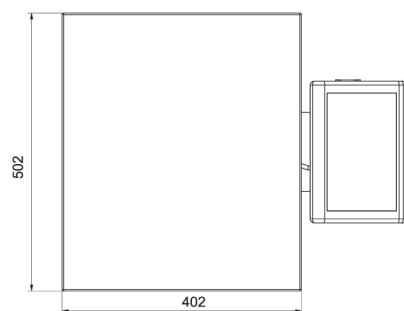
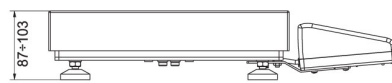
WLC F1/K



WLC F1/R



WLC C2/K



WLC C2/R