



More information on the website  
radwag.com/en/info,w1,Y6S

## WLC 0.6/A1/C/2 Precision Balance



### Functions



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit  
measurement

### Datasheet

| Metrological parameters         |                      |
|---------------------------------|----------------------|
| Maximum capacity [Max]          | 0,6 kg               |
| Minimum load                    | 0,5 g                |
| Readability [d]                 | 0,01 g               |
| Verification scale interval [e] | 0,1 g                |
| Tare range                      | -0,6 kg              |
| Repeatability                   | 0,015 g              |
| Linearity                       | ±0,02 g              |
| Stabilization time              | 3 s                  |
| Adjustment                      | internal (automatic) |

| Metrological parameters     |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| 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                  | 3,6 kg                                                                         |
| Gross weight                | 5,6 kg                                                                         |
| Protection class            | IP 43                                                                          |
| 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<br>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

Balance Storage Case  
 Antivibration Tables  
 RS 232 cables (scale - printer)  
 Cigarette lighter receptacle power supply cables  
 Receipt Printer  
 Draft Shield  
 RS 232 – Ethernet Converter

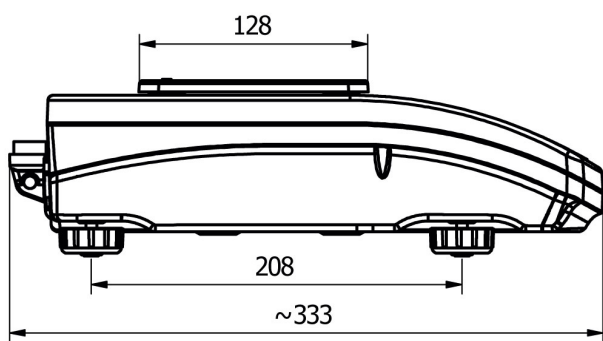
Displays  
 AP2-1 Current Loop Unit  
 Protective cover for balances  
 RS 232, RS 485 cables  
 Under-Pan Weighing Rack  
 RS 232 – RS 485 Converter

## Software

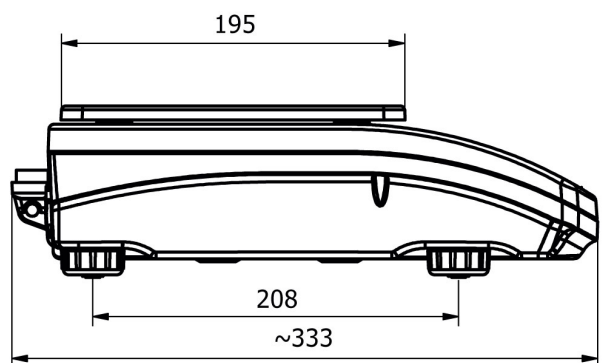
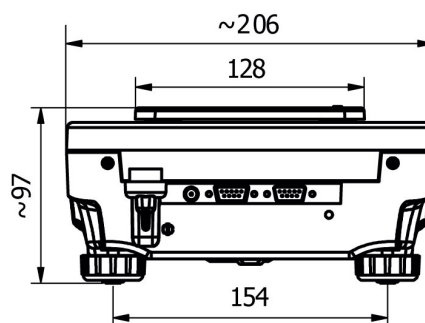
RAD-KEY  
 LabVIEW Driver  
 Scales Editor 2.0

RW Tool  
 R-LAB

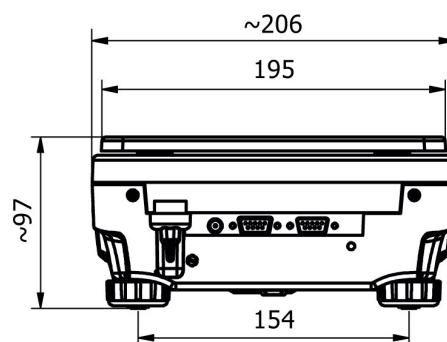
## Device dimensions



WLC A1



WLC A2





More information on the website  
[radwag.com/en/info,w1,NUQ](https://radwag.com/en/info,w1,NUQ)

# WLC 1/A2/C/2 Precision Balance



## 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                   | 0,015 g              |
| Linearity                       | ±0,03 g              |
| Stabilization time              | 3 s                  |
| Adjustment                      | internal (automatic) |

| Physical parameters         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 3,6 kg                                                                         |
| Gross weight                | 5,1 kg                                                                         |
| Protection class            | IP 43                                                                          |
| 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<br>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

Balance Storage Case  
 Antivibration Tables  
 RS 232 cables (scale - printer)  
 Cigarette lighter receptacle power supply cables  
 Receipt Printer  
 Density determination KIT  
 RS 232 – Ethernet Converter

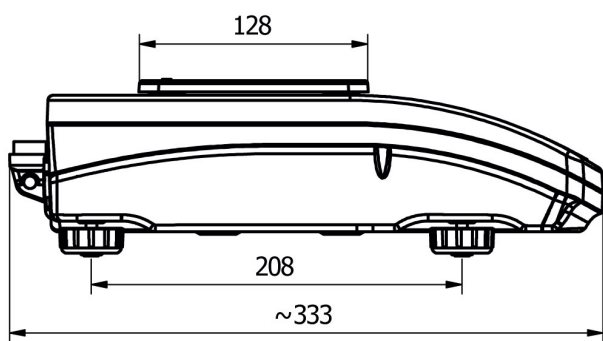
Displays  
 AP2-1 Current Loop Unit  
 RS 232, RS 485 cables  
 Protective cover for balances  
 Under-Pan Weighing Rack  
 RS 232 – RS 485 Converter

## Software

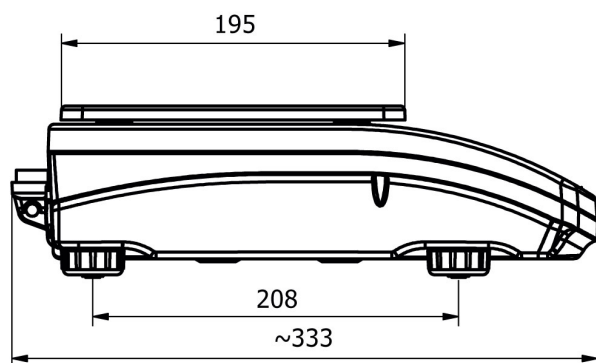
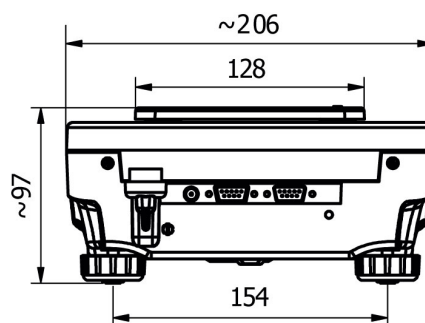
RAD-KEY  
 LabVIEW Driver  
 Scales Editor 2.0

RW Tool  
 R-LAB

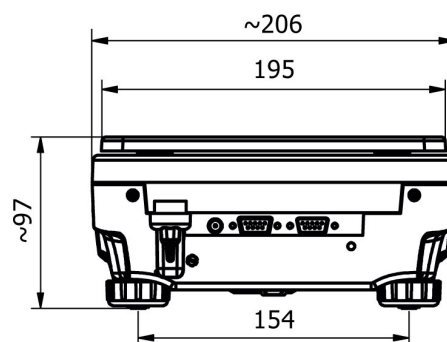
## Device dimensions



WLC A1



WLC A2





More information on the website  
[radwag.com/en/info,w1,WP7](https://radwag.com/en/info,w1,WP7)

## WLC 6/A2/C/2 Precision Balance



### Functions



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit  
measurement

### Datasheet

#### Metrological parameters

|                                 |                      |
|---------------------------------|----------------------|
| Maximum capacity [Max]          | 6 kg                 |
| Minimum load                    | 5 g                  |
| Readability [d]                 | 0,1 g                |
| Verification scale interval [e] | 1 g                  |
| Tare range                      | -6 kg                |
| Repeatability                   | 0,15 g               |
| Linearity                       | ±0,2 g               |
| Stabilization time              | 3 s                  |
| Adjustment                      | internal (automatic) |

| Metrological parameters     |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| OIML Class                  | II                                                                             |
| Physical parameters         |                                                                                |
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 3,6 kg                                                                         |
| Gross weight                | 5,1 kg                                                                         |
| Protection class            | IP 43                                                                          |
| 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<br>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

Balance Storage Case  
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 Cigarette lighter receptacle power supply cables  
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 Density determination KIT  
 RS 232 – Ethernet Converter

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

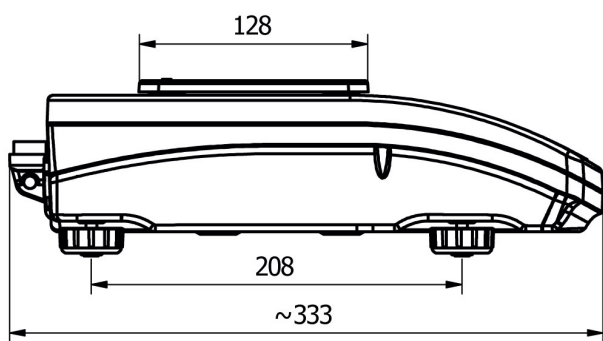
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RAD-KEY  
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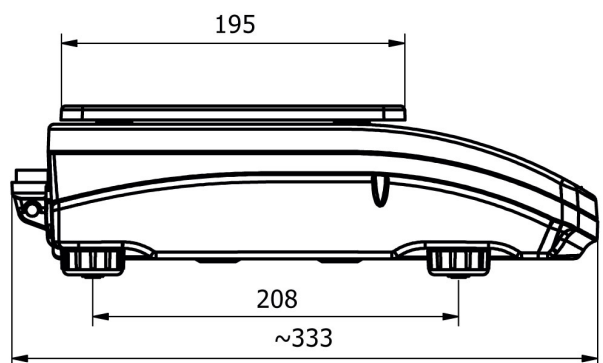
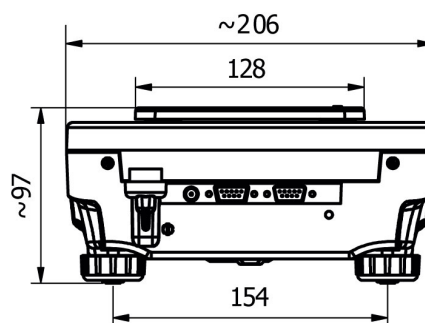
RW Tool  
 R-LAB

## Device dimensions

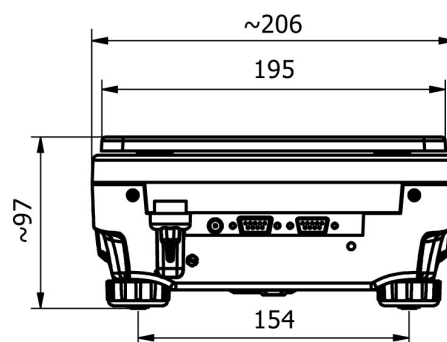




WLC A1



WLC A2





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

## WLC 2/A2/C/2 Precision Balance



### Functions



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit  
measurement

### Datasheet

| Metrological parameters         |                      |
|---------------------------------|----------------------|
| Maximum capacity [Max]          | 2 kg                 |
| Readability [d]                 | 0,01 g               |
| Verification scale interval [e] | -                    |
| Tare range                      | -2 kg                |
| Repeatability                   | 0,015 g              |
| Linearity                       | ±0,03 g              |
| Stabilization time              | 3 s                  |
| Adjustment                      | internal (automatic) |

| Physical parameters         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 3,6 kg                                                                         |
| Gross weight                | 5,1 kg                                                                         |
| Protection class            | IP 43                                                                          |
| 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<br>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                                                   |

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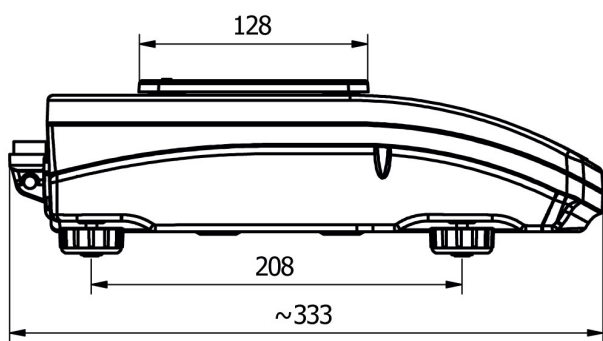
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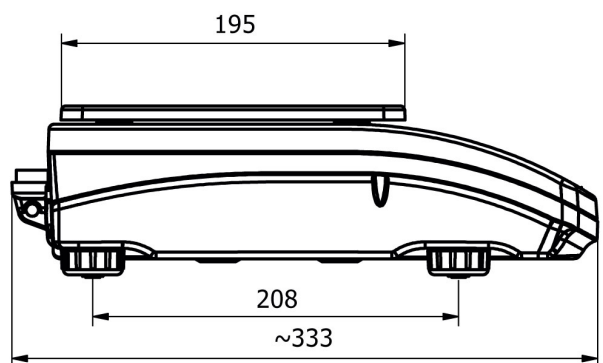
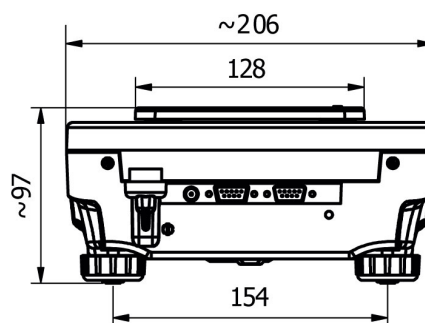
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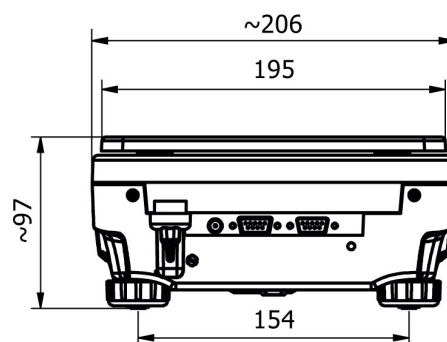
## Device dimensions



WLC A1



WLC A2





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Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit  
measurement

## Datasheet

| Metrological parameters         |                      |
|---------------------------------|----------------------|
| Maximum capacity [Max]          | 0,6 kg               |
| Minimum load                    | 0,5 g                |
| Readability [d]                 | 0,01 g               |
| Verification scale interval [e] | 0,1 g                |
| Tare range                      | -0,6 kg              |
| Repeatability                   | 0,015 g              |
| Linearity                       | ±0,02 g              |
| Stabilization time              | 3 s                  |
| Adjustment                      | internal (automatic) |

| Metrological parameters     |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| OIML Class                  | II                                                                             |
| Physical parameters         |                                                                                |
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 128×128 mm                                                                     |
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| Net weight                  | 3,6 kg                                                                         |
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| Protection class            | IP 43                                                                          |
| Communication interface     |                                                                                |
| Communication interface     | 2×RS232, USB-A, USB-B                                                          |
| Electrical parameters       |                                                                                |
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| Environmental conditions    |                                                                                |
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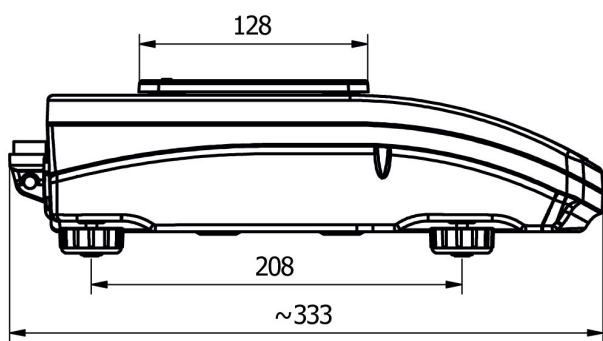
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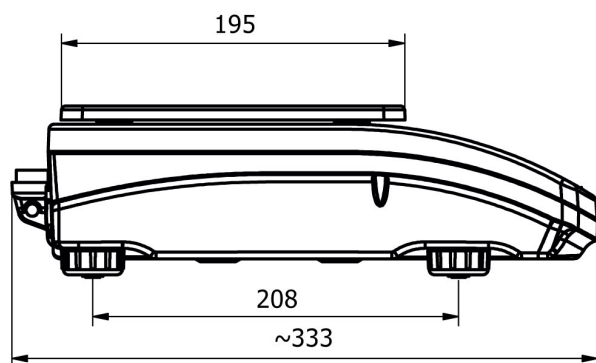
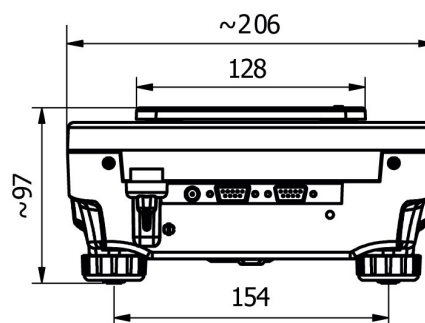
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 Scales Editor 2.0

RW Tool  
 R-LAB

## Device dimensions



WLC A1



WLC A2

