



More information on the website  
[radwag.com/en/info,w1,71Q](https://radwag.com/en/info,w1,71Q)

# WLC 1/A2 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                   | 0,01 g   |
| Linearity                       | ±0,03 g  |
| Stabilization time              | 3 s      |
| Adjustment                      | external |

| Physical parameters         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 2,8 kg                                                                         |
| Gross weight                | 4,3 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  
 Displays  
 Density determination KIT

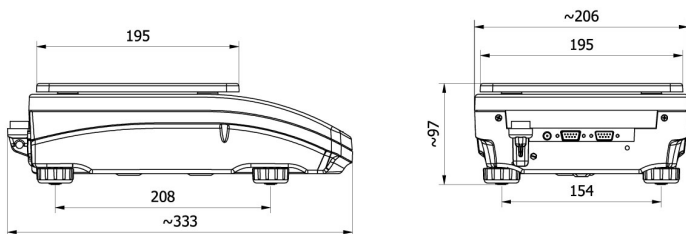
RS 232 – Ethernet Converter  
 AP2-1 Current Loop Unit  
 RS 232, RS 485 cables  
 RS 232 – USB Converter  
 Protective cover for balances  
 Under-Pan Weighing Rack  
 RS 232 – RS 485 Converter

## Software

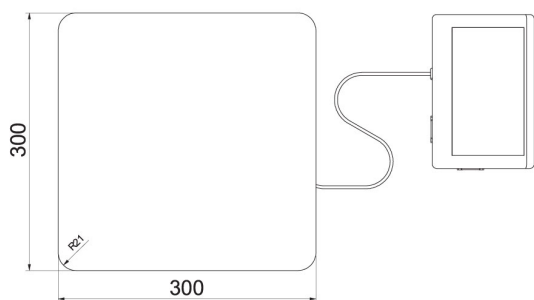
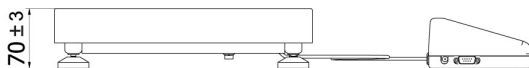
RAD-KEY  
 LabVIEW Driver  
 Scales Editor 2.0

RW Tool  
 R-LAB

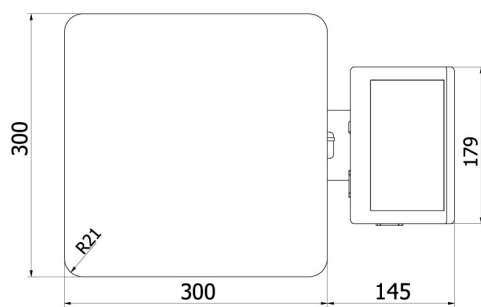
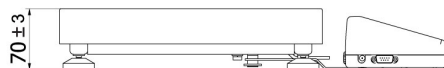
## Device dimensions



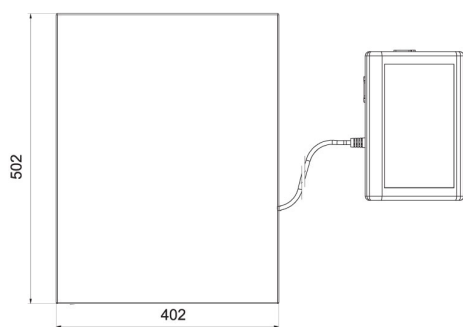
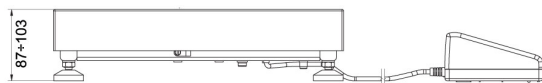
WLC A2



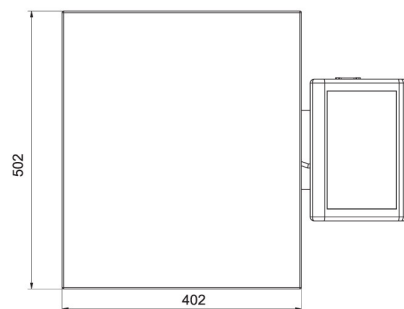
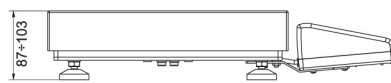
WLC F1/K



WLC F1/R



WLC C2/K



WLC C2/R



More information on the website  
[radwag.com/en/info,w1,W6C](https://radwag.com/en/info,w1,W6C)

## WLC 2/A2 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                   | 0,01 g   |
| Linearity                       | ±0,03 g  |
| Stabilization time              | 3 s      |
| Adjustment                      | external |

| Physical parameters         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 2,8 kg                                                                         |
| Gross weight                | 4,3 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  
 Displays  
 Density determination KIT

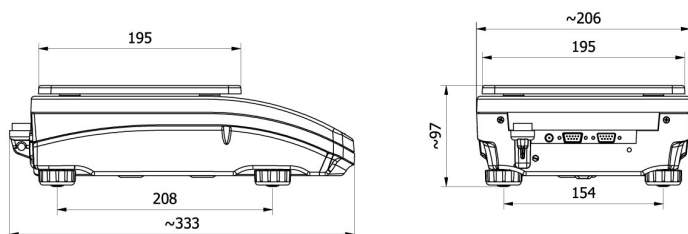
RS 232 – Ethernet Converter  
 AP2-1 Current Loop Unit  
 RS 232, RS 485 cables  
 RS 232 – USB Converter  
 Protective cover for balances  
 Under-Pan Weighing Rack  
 RS 232 – RS 485 Converter

## Software

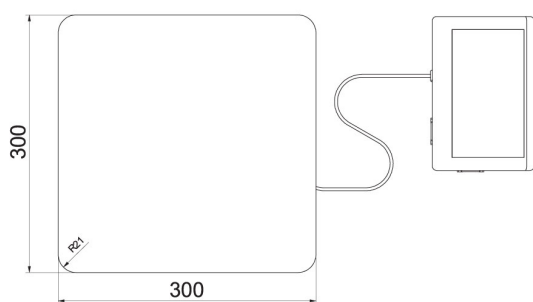
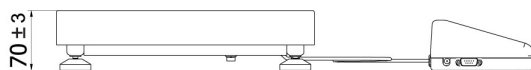
RAD-KEY  
 LabVIEW Driver  
 Scales Editor 2.0

RW Tool  
 R-LAB

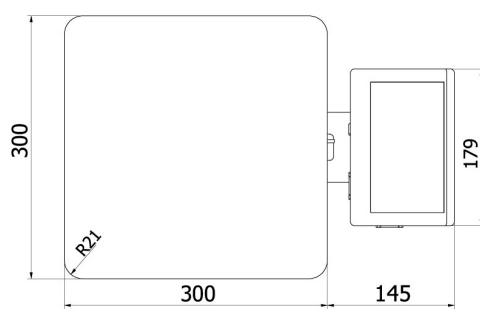
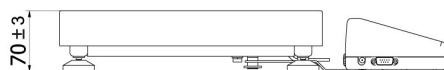
## Device dimensions



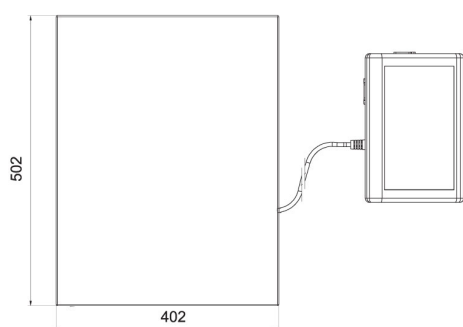
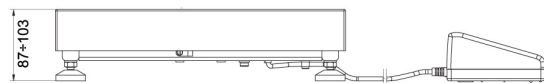
WLC A2



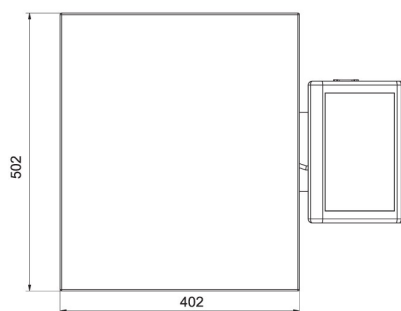
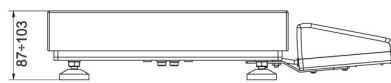
WLC F1/K



WLC F1/R



WLC C2/K



WLC C2/R



More information on the website  
[radwag.com/en/info,w1,BB3](https://radwag.com/en/info,w1,BB3)

# WLC 6/A2 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                   | 0,1 g  |
| Linearity                       | ±0,2 g |
| Stabilization time              | 3 s    |
| 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                  | 2,8 kg                                                                         |
| Gross weight                | 4,3 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  
 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

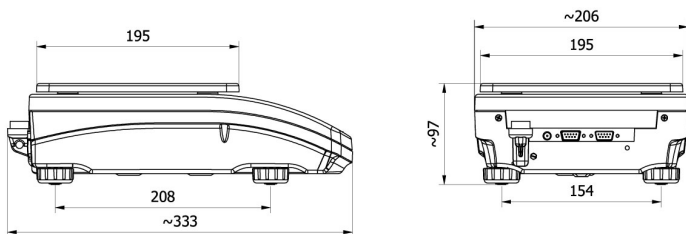
## Software

RAD-KEY  
 LabVIEW Driver  
 Scales Editor 2.0

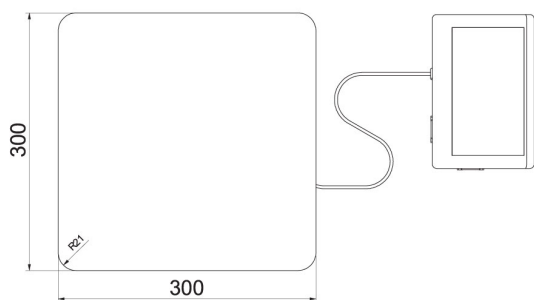
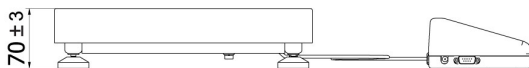
RW Tool  
 R-LAB

## Device dimensions

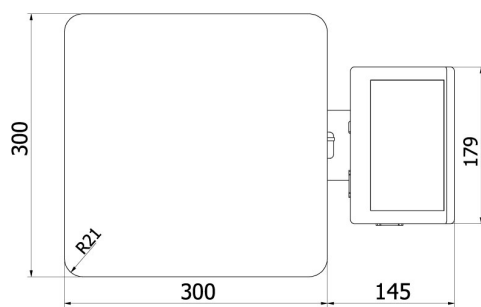
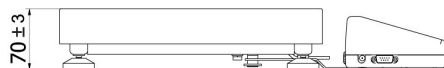




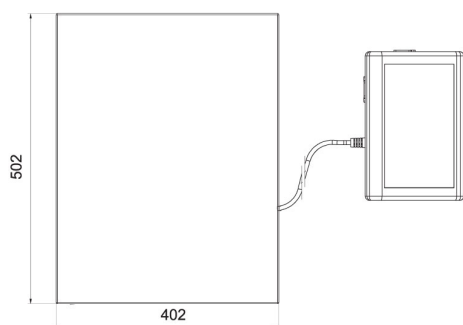
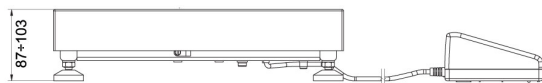
WLC A2



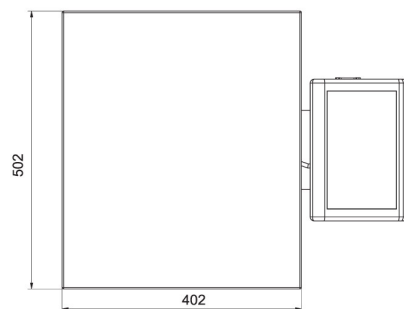
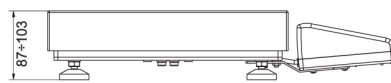
WLC F1/K



WLC F1/R



WLC C2/K



WLC C2/R



More information on the website  
radwag.com/en/info,w1,VX1

## WLC 10/A2 Precision Balance



### Functions



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit  
measurement

### Datasheet

| Metrological parameters         |          |
|---------------------------------|----------|
| Maximum capacity [Max]          | 10 kg    |
| Readability [d]                 | 0,1 g    |
| Verification scale interval [e] | -        |
| Tare range                      | -10 kg   |
| Repeatability                   | 0,1 g    |
| Linearity                       | ±0,3 g   |
| Stabilization time              | 3 s      |
| Adjustment                      | external |

| Physical parameters         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 2,8 kg                                                                         |
| Gross weight                | 4,3 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  
 Displays  
 Density determination KIT

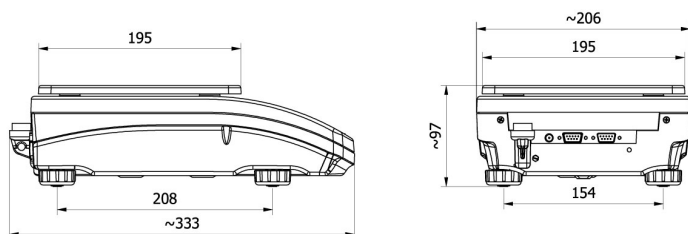
RS 232 – Ethernet Converter  
 AP2-1 Current Loop Unit  
 RS 232, RS 485 cables  
 RS 232 – USB Converter  
 Protective cover for balances  
 Under-Pan Weighing Rack  
 RS 232 – RS 485 Converter

## Software

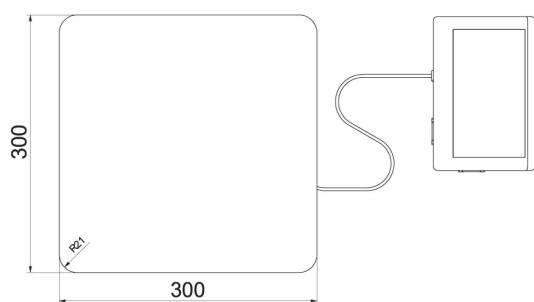
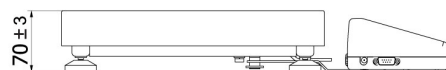
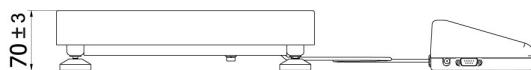
RAD-KEY  
 LabVIEW Driver  
 Scales Editor 2.0

RW Tool  
 R-LAB

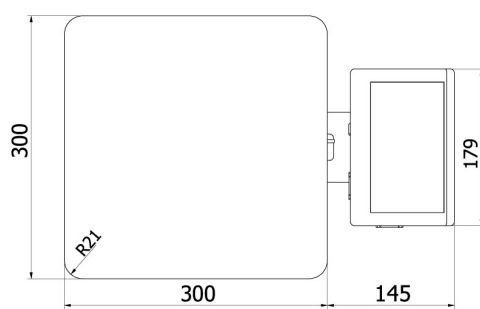
## Device dimensions



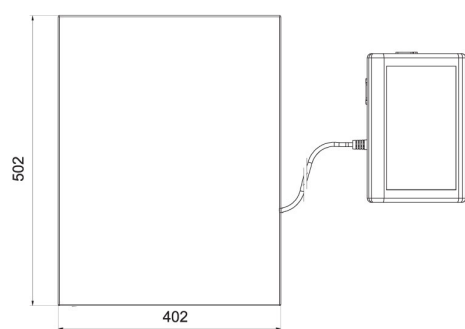
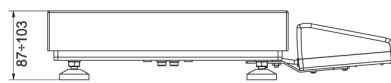
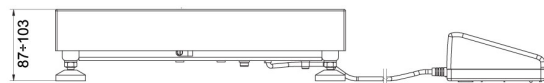
WLC A2



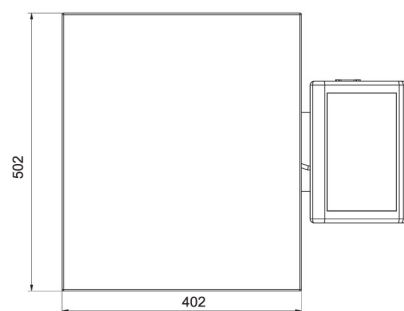
WLC F1/K



WLC F1/R



WLC C2/K



WLC C2/R



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

## WLC 20/A2 Precision Balance



### Functions



Plus/Minus Control



Percent Weighing



Totalizing



Parts counting



Internal battery



Peak hold



Newton unit  
measurement

### Datasheet

| Metrological parameters         |          |
|---------------------------------|----------|
| Maximum capacity [Max]          | 20 kg    |
| Readability [d]                 | 0,1 g    |
| Verification scale interval [e] | -        |
| Tare range                      | -20 kg   |
| Repeatability                   | 0,1 g    |
| Linearity                       | ±0,3 g   |
| Stabilization time              | 3 s      |
| Adjustment                      | external |

| Physical parameters         |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| Levelling system            | manual                                                                         |
| Display                     | LCD (backlit)                                                                  |
| Weighing pan dimensions     | 195×195 mm                                                                     |
| Packaging dimensions        | 470×380×336 mm                                                                 |
| Net weight                  | 2,8 kg                                                                         |
| Gross weight                | 4,3 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  
 Displays  
 RS 232 – Ethernet Converter

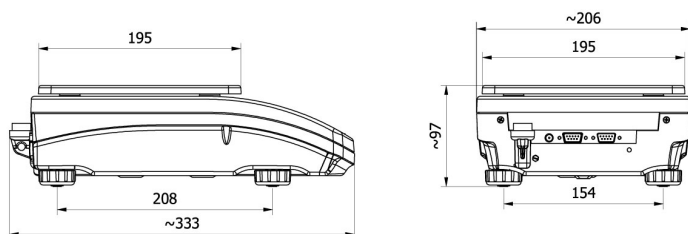
AP2-1 Current Loop Unit  
 RS 232, RS 485 cables  
 RS 232 – USB Converter  
 Protective cover for balances  
 Under-Pan Weighing Rack  
 RS 232 – RS 485 Converter

## Software

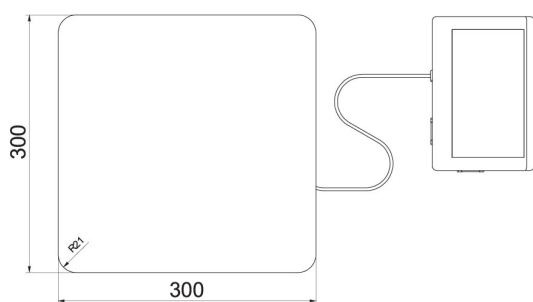
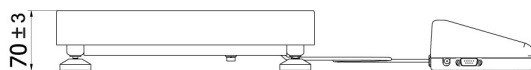
RAD-KEY  
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 Scales Editor 2.0

RW Tool  
 R-LAB

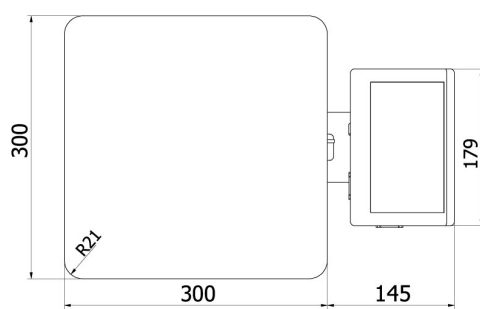
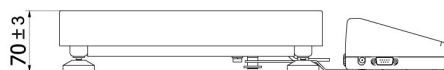
## Device dimensions



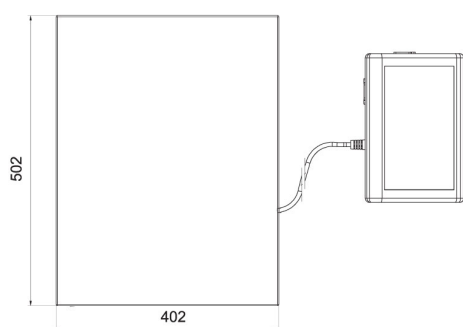
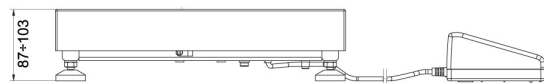
WLC A2



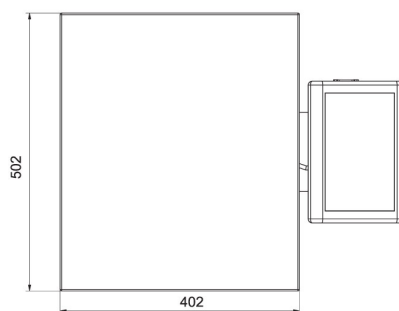
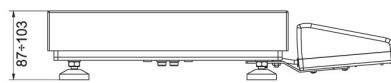
WLC F1/K



WLC F1/R



WLC C2/K



WLC C2/R