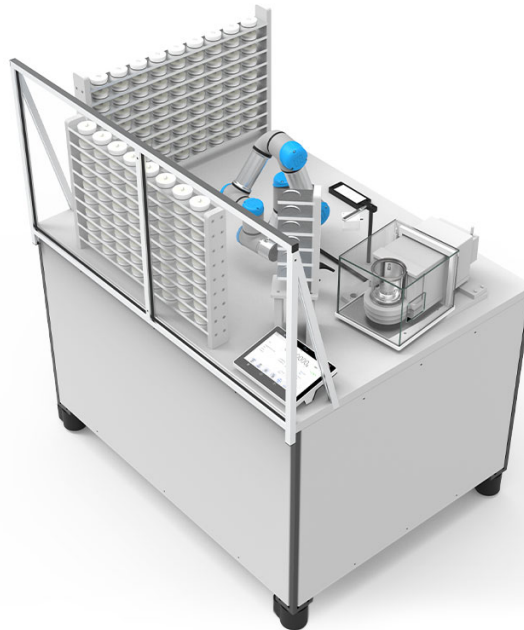




More information on the website  
[radwag.com/en/info,w1,1K9](http://radwag.com/en/info,w1,1K9)

# RW 5Y.F153 Robotic Weighing System



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

## Datasheet

| Metrological parameters         |   |
|---------------------------------|---|
| Maximum capacity [Max]          | 2 g   |
| Readability [d]                 | 0.0001 mg   |
| Verification unit [e]           | 1 mg  |
| Tare range                      | -2 g  |
| Standard repeatability [5% Max] | 0.0005 mg   |
| Standard minimum weight (USP)   | 0.6 mg  |
| Linearity                       | 0.005 mg  |
| Adjustment                      | internal (automatic)  |
| OIML Class                      | I   |
| Physical parameters             |   |
| Leveling system                 | automatic – Reflex Level System with level control and warning messages |
| Display                         | 10" graphic colour touchscreen for working with laboratory gloves       |
| Weighing chamber doors          | automatic   |
| Weighing pan dimensions         | ø27 mm for weighing filters ø47   |

| Physical parameters                         |   |
|---|---|
| Filter holder                               | for weighing filters $\phi 47$ mm meeting the requirements of the ČSN EN 12341:2024 revised standard, section 6.5 |
| Device dimensions                           | 1250x950x1450 (WxDxH) mm  |
| Communication interface                     |   |
| Communication interface                     | 2xUSB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot  |
| Electrical parameters                       |   |
| Power supply                                | 100 – 240 V AC 50/60 Hz   |
| Power consumption                           | P=200 W   |
| Environmental conditions                    |   |
| Operating temperature                       | +10 – +40 °C  |
| Operating temperature change rate           | $\pm 0.3$ °C / 1 h ( $\pm 1$ °C / 8 h)  |
| Relative humidity                           | 40% – 80%   |
| Relative humidity change rate               | $\pm 1$ % / h ( $\pm 4$ % / 8 h)  |
| Features of use                             |   |
| Capacity                                    | 960 pcs / 24 h  |
| Time of one measurement cycle               | 90 s  |
| Full measurement cycle time for 153 samples | 3 h 49.5 min.   |
| Barcode and QR labeling system              | Barcode and QR code reader  |
| Storage capacity                            | 153 pcs   |

**Repeatability** is expressed as a standard deviation from 10 weighing cycles.

\* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## Device dimensions

