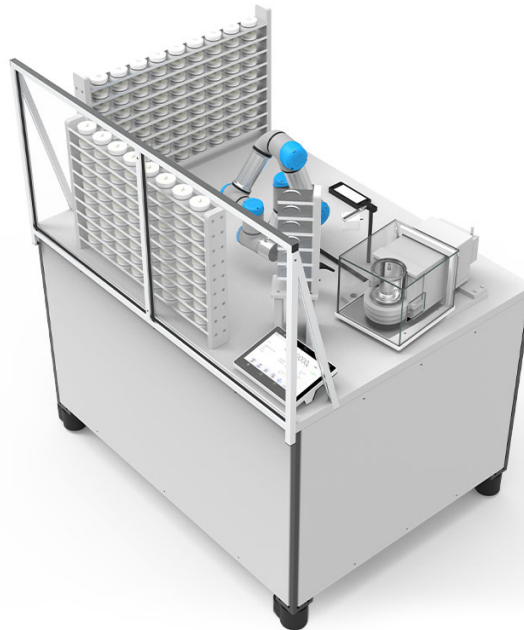




RW 5Y.F153 Robotic Weighing System

More information on the website
radwag.com/en/info,w1,1K9



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 | ± 0.3 °C / 1 h (± 1 °C / 8 h) |
| Relative humidity | 40% – 80% |
| Relative humidity change rate | ± 1 % / h (± 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

