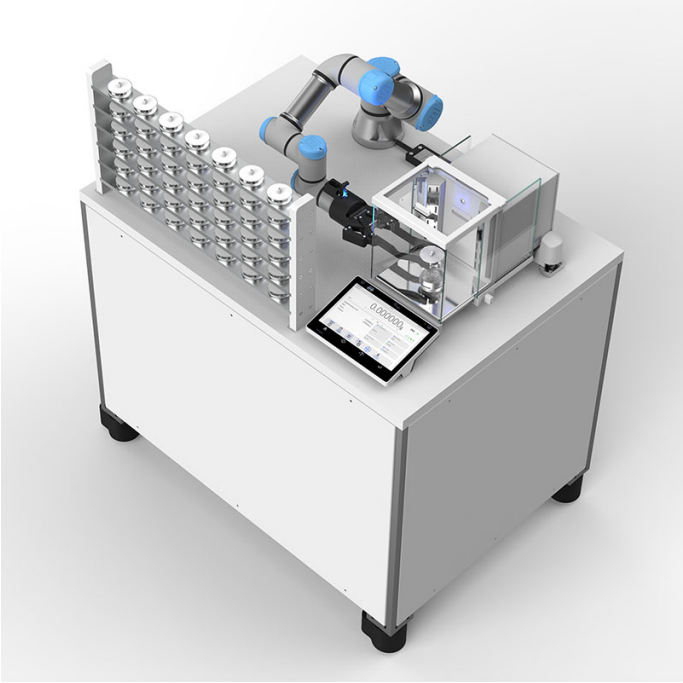
radwag.com

RW 5Y.F42 Robotic Weighing System

WL-506-0002

More information on the website
mirror.radwag.com/en/info,w1,7OY



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

Datasheet

Metrological parameters	
Maximum capacity [Max]	6.1 g
Minimum load	0.1 mg
Readability [d]	1 µg
Verification unit [e]	1 mg
Tare range	-6.1 g
Standard repeatability [5% Max]	0.8 µg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	~ 3.5 s
Adjustment	internal (automatic)
Physical parameters	
Display	10" graphic colour touchscreen
Device dimensions W x D x H	1087×755×1225 mm
Packaging dimensions W x D x H	1250x1450x1400 mm
Net weight	200 kg
Gross weight	350 kg

Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	100 – 240 V AC 50/60 Hz
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	
Time of one measurement cycle	45 s
Full measurement cycle time for 42 samples	31.5 minutes
Magazine	42 pcs

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.

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



Device dimensions W x D x H

