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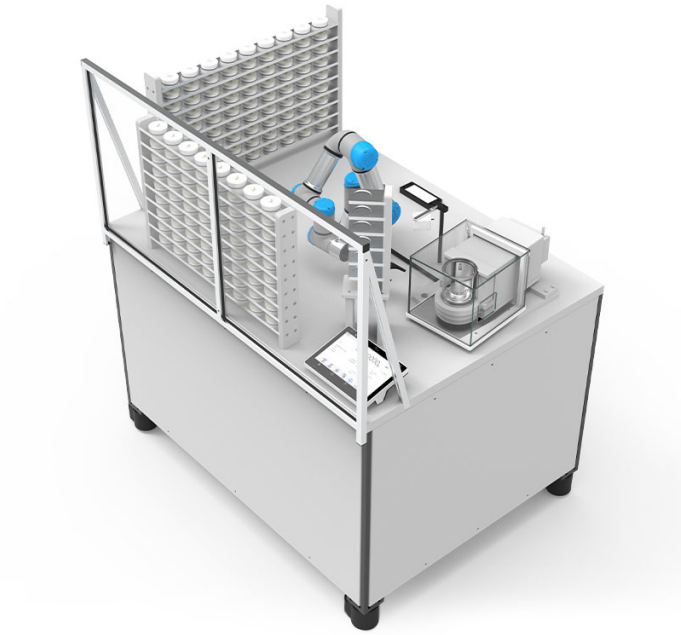
RW 5Y.F153 Robotic Weighing System

WL-506-0003

More information on the website
mirror.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
Minimum weight (USP)	0.6 mg
Standard repeatability [5% Max]	0.0005 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 ø47 mm meeting the requirements of the ČSN EN 12341:2024 revised standard, section 6.5
Device dimensions W x D x H	1250x950x1450 (WxDxH) mm
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
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
Magazine	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 W x D x H