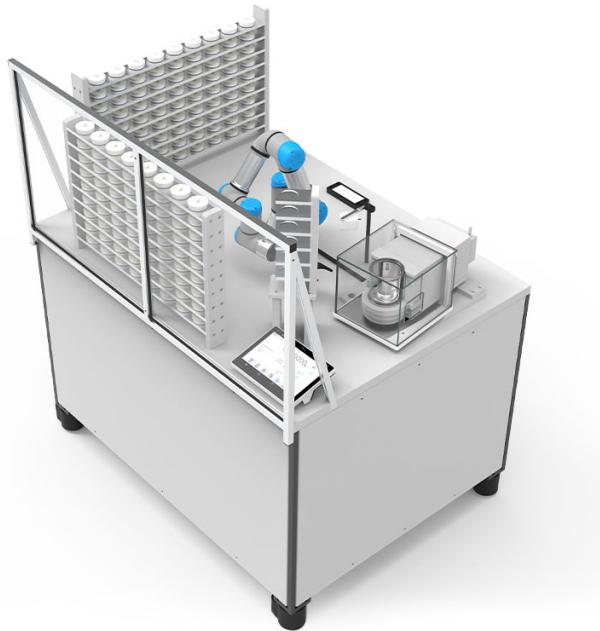




RW 5Y.F153 Robotic Weighing System

WL-506-0003

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
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Readability [d]	0.0001 mg
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Verification unit [e]	1 mg
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Tare range	-2 g
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Standard repeatability [5% Max]	0.0005 mg
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Standard minimum weight (USP)	0.6 mg
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Linearity	0.005 mg
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Adjustment	internal (automatic)
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OIML Class	I
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Physical parameters

Leveling system	automatic – Reflex Level System with level control and warning messages
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Display	10" graphic colour touchscreen for working with laboratory gloves
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Weighing chamber doors	automatic
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Weighing pan dimensions	ø27 mm for weighing filters ø47
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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	2xUSB-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

