



MYA series of microbalances series Y have been designed to meet the high requirements of mass measurements with the highest precision. Measurement reliability and accuracy is ensured by internal calibration.

Microbalances consist of two major parts (an electronic system and a precise mechanical measurement system in a separate enclosure). This solution eliminates the temperature influence and separates from shocks and vibrations caused by users operating software. All the elements of the balance are made of glass and steel which eliminates the influence of electrostatics on the weighing process.

- Filling
- Checkweighing
- Percentage
- Statistics
- Infrared sensors
- GLP procedures

Electronic level indicator

- ALARM function
- graphic level indicator
- programmable acceptable tilts



Infrared proximity sensors

- PRINT function
- TARE function
- opening weighing chambers
- sensors' sensitivity adjustment



Technical data:

	MYA 5.3Y.F	MYA 5.3Y.F1
Max load		5 g
Readability		1 µg
Repeatability		2 µg
Linearity		±5 µg
Eccentric load deviation		5 µg
Sensitivity offset		$2 \times 10^{-6} \times R_t$
Sensitivity temperature drift		$1 \times 10^{-6} / ^\circ\text{C} \times R_t$
Sensitivity stability		$1 \times 10^{-6} / a \times R_t$
Minimum weight (USP)		6,3 mg
Minimum weight (U = 1%, k = 2)		0,4 mg
Pan size	100 mm	160 mm
Weighing chamber dimensions	118 × 35 mm	158,5 × 155 × 180 mm
Stabilization time		5 s
Calibration		automatic (internal)
Working temperature		+18 ° - +30 °C
Interface	2×USB, RS 232, Ethernet, 2in/2out (digital)	
Power supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V AC / 1,1 A	
Display	5,7" touch screen	
Rt - net weight		

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