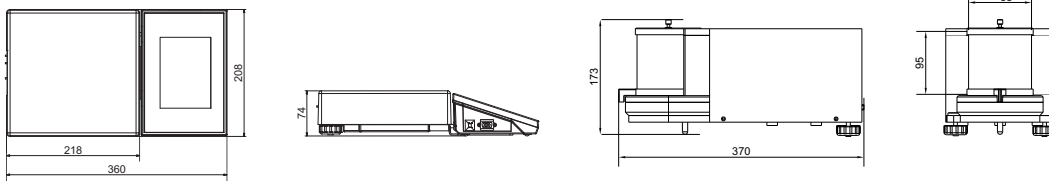




MYA series of microbalances series Y have been designed to meet the high requirements of mass measurements with the highest precision. Measurement reliability and accuracy is ensured by internal calibration.

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
- Air Buoyancy Correction
- Infrared sensors
- GLP procedures



- ALARM function
- graphic level indicator
- programmable acceptable tilts

Infrared proximity sensors

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

Technical data:

	MYA 2 /2Y	MYA 0,8/3 /2Y	MYA 5 /2Y	MYA 11 /2Y	MYA 21 /2Y
Max load	2 g	0,8/3 g	5 g	11 g	21 g
Readability	1 µg	1/10 µg	1 µg	1 µg	1 µg
Repeatability *	1 µg (to 2g)	1 µg	2,1 µg (to 2g) 2,5 µg (2g÷5g)	2,1 µg (to 2g) 2,5 µg (2g÷5g) 3,1 µg (5g÷11g)	2,1 µg (to 2g) 2,5 µg (2g÷5g) 3,1 µg (5g÷11g) 3,8 µg (11g÷21g)
Linearity	±3 µg	±3 µg	±5 µg	±6 µg	±7 µg
Eccentric load deviation	3 µg	3 µg	5 µg	6 µg	7 µg
Sensitivity offset	$1,5 \times 10^{-6} \times Rt$	$1,5 \times 10^{-6} \times Rt$	$2 \times 10^{-6} \times Rt$	$3 \times 10^{-6} \times Rt$	$4 \times 10^{-6} \times Rt$
Sensitivity temperature drift	$1 \times 10^{-6} / ^\circ C \times Rt$	$1 \times 10^{-6} / ^\circ C \times Rt$	$1 \times 10^{-6} / ^\circ C \times Rt$	$1 \times 10^{-6} / ^\circ C \times Rt$	$1 \times 10^{-6} / ^\circ C \times Rt$
Sensitivity stability	$1 \times 10^{-6} / a \times Rt$	$1 \times 10^{-6} / Rok \times Rt$	$1 \times 10^{-6} / a \times Rt$	$1 \times 10^{-6} / a \times Rt$	$1 \times 10^{-6} / a \times Rt$
Minimum weight (USP)	3 mg	3 mg	6,3 mg	6,3 mg	6,3 mg
Minimum weight (U = 1%, k = 2)	0,2 mg	0,2 mg	0,4 mg	0,4 mg	0,4 mg
Pan size	ø 30 mm	ø 30 mm	ø 30 mm	ø 30 mm	ø 30 mm
Weighing chamber dimensions	90 x 90 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				

* Repeatability is expressed as a standard deviation from 10 weighing cycles.