

Internal Calibration

- Filling
- Checkweighing
- Percentage
- Statistics
- Formulation
- Air buoyancy correction
- GLP procedures
- Infrared sensors
- Comparative weighing



1µg
MGB-Series

MGB Microbalances, 0.001mg

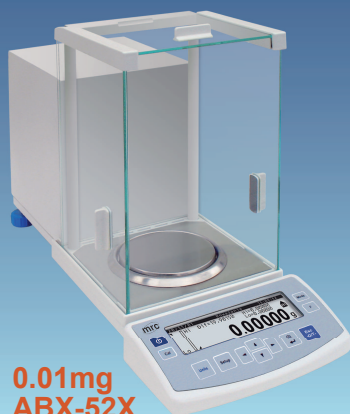
MGB series of microbalances series Y have been designed to meet the high requirements of mass measurements with the highest precision. Measurement reliability and accuracy is ensured by internal calibration. Microbalances consist of 2 major parts (an electronic system & a precise mechanical measurement system in a separate enclosure). This solution eliminates the temperature influence & separates from shocks & 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.

Additional equipment: Anti-vibration table • Thermal printer • Set for the determination of air • Foot tare & print buttons • Additional attachment for pipettes calibration • Professional weighing table • Ultrasonic air ionizer with humidifier • Standard mass • Computer software.

	MGB-5	MGB-11	MGB-21	MGB-31
Max capacity	5g	11g	21g	31g
Readability	1µg			
Repeatability	2µg	3µg	5µg	
Linearity	±3µg	±5µg	±10µg	
Pan size	ø30mm			
Weighing chamber dimen.	ø90×90mm			
Stabilization time	10s			
Calibration	automatic (internal)			
Working temperature	+18 ° - +30 °C			
Interface	RS 232, 2×USB, Ethernet			
Power supply	230V / 11V AC			
Display	5,7" touch screen			

Internal Calibration

- Counting pieces
- Filling
- Animal weighing
- Density determination
- Checkweighing
- Percentage
- Statistics
- Formulation
- Air buoyancy cor.
- Under-hook weighing
- GLP procedures
- Infrared sensors
- Pipette calibration



0.01mg
ABX-52X

ABX Professional Level Analytical Balances, 0.01mg

ABX balances are equipped with big backlit graphic display with extended menu, 12-keys membrane keyboard, big weighing chamber with sliding upper glass door and side glass door.

Balance accuracy is guaranteed by automatic internal calibration dependant on time and temperature changes. Balances have possibility of disconnecting the head from weighing chamber.

This solution considerably reduces vibrations transferred to weighing chamber and decreases dimensions of device. ABX balances enable to generate GLP procedures, these balances have RS 232 socket, PS/2, possibility of connecting additional display and possibility of weighing loads outside the main weighing platform (so called under-hook weighing).

- New electronics and technological solutions!
- New intuitive operation & user friendly software of balances!

MODEL	ABX-52X	ABX-110X	ABX-210X	ABX-60-220X	ABX-100X	ABX-160X	ABX-220X	ABX-310X
Max capacity	52g	100g	210g	60/220g	100g	160g	220g	310g
Minimal load	1mg				10mg			
Readability	0.01mg			0.01/0.1mg		0.1mg		
Tare range	-52g	-100g	-210g	-220g	-100g	-160g	-220g	-310g
Working temp.	+50°C - +10°							
Repeatability	0.01mg	0.025mg	0.03mg	0.02/0.1mg		0.01mg		0.02mg
Linearity	±0.02mg	±0.05mg	±0.1mg	±0.05/0.2mg		±0.2mg		±0.3mg
Sensitivity drift	2ppm/°C in temperature +18 ° - +30 °C							
Stabilization time	5s			5s/3s		3s		
Power supply	230V / 11V AC or 120V / 11V AC							
Calibration	internal (automatic)							
Pan size	ø85mm				ø100mm			