

# Microbalances for calibration of pipettes MYA/2Y/P



A - evaporation ring  
B - calibration vessel



Filling



Checkweighing



Percentage



Statistics



Air Buoyancy Correction



Infrared sensors



GLP procedures



Pipette calibration

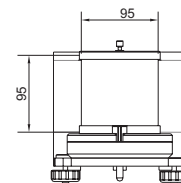
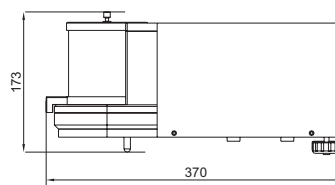
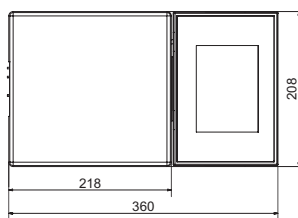
MYA series of microbalances series Y have been designed to meet the high requirements of mass measurements with the highest precision.

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.

**Additional adapter for pipettes calibration is a standard equipment of the balance.**



## Technical data:

	MYA 21/2Y/P
Max load	21 g
Readability	1 µg
Repeatability *	2,1 µg (to 2g) 2,5 µg (2g÷5g) 3,1 µg (5g÷11g) 3,8 µg (11g÷21g)
Linearity	±7 µg
Eccentric load deviation	7 µg
Sensitivity offset	$4 \times 10^{-6} \times R_t$
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	20 mm
Weighing chamber dimensions	90 × 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.

## PARTNER CORPORATION

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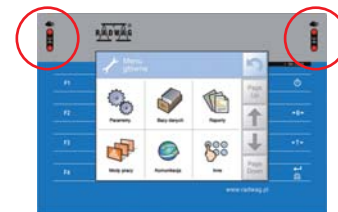
### Electronic level indicator

- ALARM function
- graphic level indicator
- programmable acceptable tilts



### Infrared proximity sensors

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



### Additional equipment:

Antivibration table for microbalance	Antistatic ionizer DJ-03
Professional weighing table	Ambient conditions module
Kafka thermal printer	Additional LCD display "WD-3/01/Y"
Dot matrix Epson printer	PC keyboard
Label printer Citizen	Power adapter with battery and charger ZR-02
Anti draft shield for microbalances	Standard mass
Air density determination kit	Antistatic cable
Tare and "Print" foot button	Bar code scanner
PW-WIN computer software	Cable RS 232 (scale - Kafka printer) "P0136"
RAD-KEY computer software	Cable RS 232 (scale - computer) "P0108"
REC-FS computer software	Cable RS 232 (scale, Epson, Citizen printer) "P0151"
Pipety computer software	

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