



UYA 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



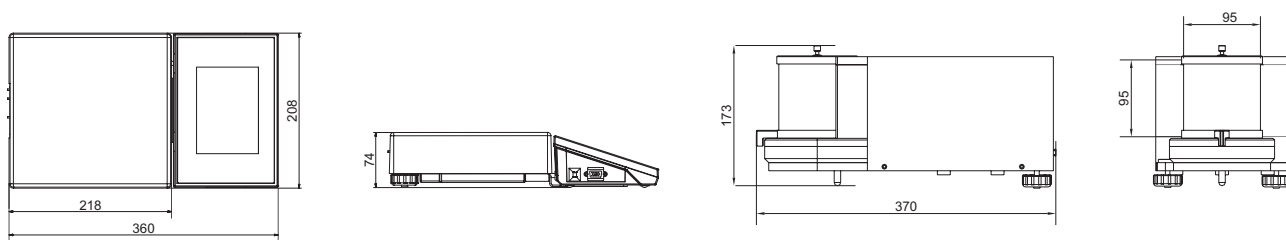
Technical data:

	UYA 2	UYA 2/F
Max load		2 g
Min load		0,01 mg
Readability		0,1 µg
Repeatability		0,4 µg (to 1g) 0,6 µg (1g+2g)
Linearity		±0,5 µg
Eccentric load deviation		1,5 µg
Sensitivity offset		$1,5 \times 10^{-6} \times Rt$
Sensitivity temperature drift		$1 \times 10^{-6} / ^\circ C \times Rt$
Sensitivity stability		$1 \times 10^{-6} / a \times Rt$
Minimum weight (USP)		1,2 mg
Minimum weight (U = 1%, k = 2)		0,08 mg
Pan size	16 mm	50 mm
Weighing chamber dimensions	90 × 90 mm	118 × 35 mm
Stabilization time		10-20 s
Calibration		automatic (internal)
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
Environmental conditions:		
Working temperature		+18 ° ÷ +30 °C
Change rate of working temperatures		±0,5 °C/8h
Atmospheric humidity		45% ÷ 65%
Change rate of atmospheric humidity		±5%/8h

Additional equipment:

Antivibration table for microbalance	Ambient conditions module
Professional weighing table	Additional LCD display "WD-3/01/Y"
Kafka thermal printer	PC keyboard
Dot matrix Epson printer	Power adapter with battery and charger ZR-02
Label printer Citizen	Standard mass
Anti draft shield for microbalances	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"
Antistatic ionizer DJ-03	

Microbalance UYA 2



Microbalance UYA 2/F

