

Anti-vibration weighing table  
equipped with balance,  
PC and PC software for pipetting



# Pipettes Calibration Workstation

FULL-FEATURED SOLUTION

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**FULL-FEATURED Workstation**



**MYA 21.4Y.P Microbalance**



**XA 52.4Y.M.A.P PLUS Microbalance**



**XA 82/220.4Y.A Analytical Balance**

### The Highest Measurement Accuracy

An integral part of the pipettes calibration workstation is either MYA 21.4Y.P microbalance, XA 52.4Y.M.A.P PLUS microbalance or XA 82/220.4Y.A analytical balance, both featuring a special adapter for pipettes calibration. The devices are characteristic for their evaporation rings limiting pipette calibration errors to the minimum. After dismantling of the adapter, each device can be used for standard weighing processes.

### High Resistance to Ground Vibrations

An in-built anti-vibration table featuring granite top prevents potential ground vibrations from being transferred to the microbalance. With this solution stabilization time shortens considerably. Separation of chipboard-made table components from anti-vibration frame blocks vibrations being an effect of user operation.

### Ambient Conditions Monitoring

Set of probes, used to measure humidity, atmospheric pressure and temperature of air and distilled water, uninterruptedly monitors ambient conditions. This guarantees absolute reliability of carried out measurements.

### Computer Support for Pipettes Calibration Process

Pipettes PC Software facilitates automation of pipettes calibration process carried out using gravimetric method, accordant with an international standard, ISO 8655-6. In compliance with ISO 10012 Standard, the software enables generating reports on calibration, archiving measurements' results and overall pipettes' management.

Anti-vibration weighing table	Max capacity [Max]: 21 g	Max capacity [Max]: 52 g	Max capacity [Max]: 82 g / 220 g
Sink and container for used liquid	Radability [d]: 1 µg	Radability [d]: 5 µg	Radability [d]: 0.01 mg / 0.1 mg
Temperature, humidity and pressure probes	Minimum Sample Weight by USP: 2.4 mg	Minimum Sample Weight by USP: 8 mg	Minimum Sample Weight by USP: 14 mg
Distilled water temperature probe	Weighing pan ø 26 mm + adapter for pipettes calibration	Weighing pan ø 26 mm + automatic adapter for pipettes calibration	Weighing pan ø 90 mm + adapter for pipettes calibration
PC with keyboard, mouse and LCD	Automatic door opening system	Automatic door opening system	Automatic door opening system
Pipettes PC Software: Calibration of adjustable volume pipettes(channels quantity:1, 8, 12) Automated measurement procedures Pipettes database and Calibration Results database Result calculation based on: mean pipette volume (channel), systematic error e (error of accuracy A), random error CV (error of repeatability P)	5.7" resistive colour touchscreen	5.7" resistive colour touchscreen	5.7" resistive colour touchscreen
	Internal adjustment	2-point internal adjustment	2-point internal adjustment
	Interfaces: 2×USB-A, 2×RS 232, Wi-Fi <sup>®</sup> *, Ethernet, 4×IN/OUT	Interfaces: 2×USB-A, 2×RS 232, Wi-Fi <sup>®</sup> *, Ethernet, 4×IN/OUT	Interfaces: 2×USB-A, 2×RS 232, Wi-Fi <sup>®</sup> *, Ethernet, 4×IN/OUT

\*Wi-Fi<sup>®</sup> is a registered trademark of Wi-Fi Alliance.



**SINGLE:** full-featured workstation + a selected balance (MYA 21.4Y.P or XA 52.4Y.M.A.P PLUS or XA 82/220.4Y.A)

**COMBO:** full-featured dual workstation + MYA 21.4Y.P microbalance + a selected balance (XA 52.4Y.M.A.P PLUS or XA 82/220.4Y.A)