

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.A.P Analytical Balance



XA 82/220.4Y.P Analytical Balance

The Highest Measurement Accuracy

An integral part of the pipettes calibration workstation is either MYA 4Y.P microbalance or XA 4Y.A.P 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, the MYA 4Y.P as well as the XA 4Y.A.P can be used for performance of 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]: 0,001 mg	Radability [d]: 0,01 mg	Radability [d]: 0,01 mg / 0,1 mg
Temperature, humidity and pressure probes	Minimum Sample Weight by USP: 3 mg	Minimum Sample Weight by USP: 20 mg	Minimum Sample Weight by USP: 20 mg
Distilled water temperature probe	Weighing pan dimensions ø 26 mm + adapter for pipettes calibration	Weighing pan dimensions ø 90 mm + adapter for pipettes calibration	Weighing pan dimensions 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:	5,7" colour touchscreen	5,7" colour touchscreen	5,7" colour touchscreen
Calibration of adjustable volume pipettes(channels quantity:1, 8, 12)	Internal adjustment	Internal adjustment	Internal adjustment
Automated measurement procedures	Interfaces: 2×USB, 2×RS 232, Wi-Fi, Ethernet, 4×IN/OUT	Interfaces: 2×USB, 2×RS 232, Wi-Fi, Ethernet, 4×IN/OUT	Interfaces: 2×USB, 2×RS 232, Wi-Fi, Ethernet, 4×IN/OUT
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)			



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

COMBO: full-featured dual workstation + MYA 21.4Y.P microbalance + any analytical balance (XA 52.4Y.A.P or XA 82/220.4Y.P)