ATMOS - Calib4You
Automated Pipette Testing

unipix
Innovative laboratory solutions

AUTOMATED PRECISION FOR EVERY PIPETTE

Hands-free pipette testing.
Maximum accuracy. Zero compromise.

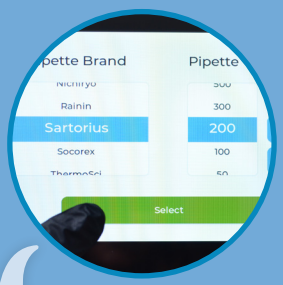
Automated Testing.
Human Error Eliminated.

Precision you can trust — every time.

Manual pipette testing can introduce variability. ATMOS-Calib4You removes operator influence by automating the entire measurement process. A built-in gripper holds the pipette securely while a motor-driven system replaces thumb operation for perfectly controlled actuation.

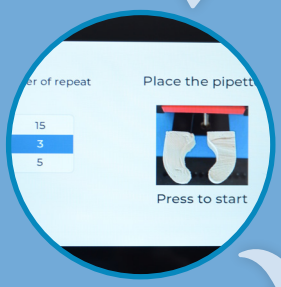
- Fully automated measurement process
- Eliminates user-dependent variability
- Highly reproducible results
- No liquid handling required

1
Select volume and test parameters

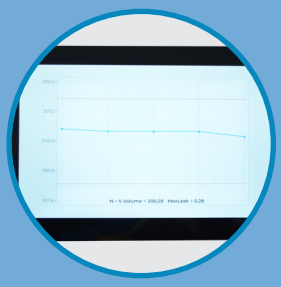


2
Insert pipette

3
Press start



4
Read volume and leak



Advantages at a glance :

- Fully automated pipette actuation
- Extremely high measurement precision
- Consistent, operator-independent results
- Rapid testing cycle
- Integrated data storage and documentation
- Stand-alone operation

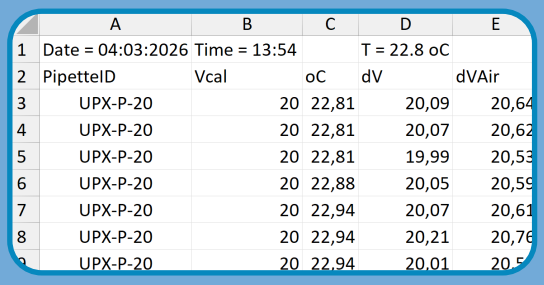
Work Smarter, Not Harder

Let automation handle routine testing.

While ATMOS-Calib4You performs pipette verification, laboratory personnel remain free to focus on higher-value tasks. Automated testing increases efficiency, reduces workload, and supports streamlined laboratory.

Pipette monitoring software

The Calib4You comes with a software that allows easy download of stored measurement data. Results are exported as Excel® files for convenient analysis, documentation, and long-term performance monitoring.
Tracking pipette performance becomes straightforward and efficient.



	A	B	C	D	E
1	Date = 04:03:2026	Time = 13:54		T = 22.8 oC	
2	PipetteID	Vcal	oC	dV	dVAir
3	UPX-P-20	20	22,81	20,09	20,64
4	UPX-P-20	20	22,81	20,07	20,62
5	UPX-P-20	20	22,81	19,99	20,53
6	UPX-P-20	20	22,88	20,05	20,59
7	UPX-P-20	20	22,94	20,07	20,61
8	UPX-P-20	20	22,94	20,21	20,76
9	UPX-P-20	20	22,94	20,01	20,5

High Precision. Effortless Operation.

Insert. Start. Done.

ATMOS-Calib4You measures displacement volume and leakage automatically under dry conditions. The motor-controlled actuation ensures exceptional repeatability and measurement precision comparable to advanced reference methods.

Complete Performance Insight

One measurement. Total clarity.

Each test provides detailed data on both volume and leakage. Red-dotted lines support quick evaluation according to ISO standards, while exact values allow in-depth analysis.

For single- and multi-channel pipettes

ATMOS-Calib4You features a switchable manifold system. You can choose between a 1-channel version and a 12-channel version, which also supports 8-channel pipettes.

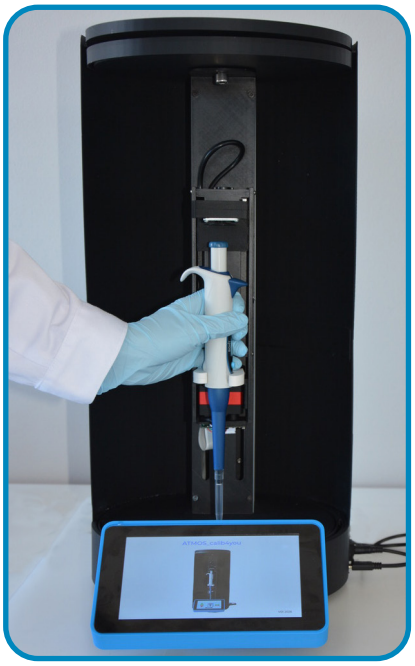
If you need both options, you can easily change the manifold yourself in just a few steps.

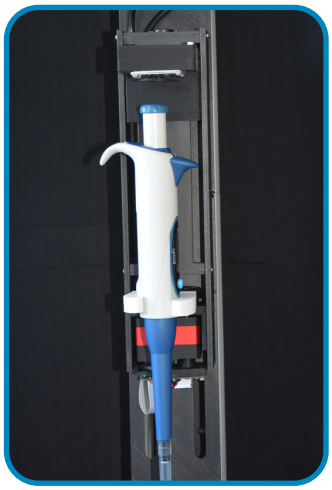
Each measurement delivers detailed results for every individual channel, including dispensed volume and leakage. This allows you to quickly detect and identify any performance deviations.

Continuous Automated Monitoring

Reliable data begins with reliable tools.

Routine automated testing with ATMOS-Calib4You detects performance drift early and ensures consistent pipette accuracy between calibration cycles.
And all that without user interference. Just place the pipette in the gripper, press start, and let ATMOS-Calib4You do the work.





Continuous Monitoring Between Calibrations

Protect your data. Trust your tools.

Routine ATMOS-Calib4You testing detects wear and performance drift before it affects your experiments. Built-in storage and monitoring software simplify documentation and long-term observation.
ATMOS-Calib4You — Automated pipette testing for modern laboratories.

unipix

Innovative laboratory solutions

UniPix GmbH
Bei den Pferdeställen 3
72072 Tübingen
Germany
sales@unipix-atmos.com
www.unipix-atmos.com

Technical specifications:

Volume range	2µl to 1250µl
Dimensions	254x254x492 mm
Power supply	100-240 VAC, 1.4A
Connector	USB-C
Operational temperature	from 10 °C to 40°C
Altitude	from sea level up to 3500m

Distributed by:

Layout: www.mees-zacke.de, Title photo: www.benjaminkrohn.de