



# CALIBRATION AND MAINTENANCE OF MICROPIPETTES ALL BRANDS

LABELIANS solution to  
provide accurate and reliable  
results



LABELIANS

smart service

# MICROPIPETTE METROLOGY - THE LABELIANS SOLUTION

**The right solution for all laboratories working with positive-displacement or piston micropipettes.**

LABELIANS smart service, a metrology laboratory with expertise in temperature, time-frequency and air quality measurement, is expanding into the mass and volume field.

The new services include calibration of type A (air displacement), type D (positive displacement), single-channel and multi-channel micropipettes to ISO 8655 using the gravimetric method (reference method).



Our services are accredited by COFRAC and meet the requirements of scope 2-7251.

You can find more details on the COFRAC website at <https://tools.cofrac.fr/annexes/sect2/2-7251.pdf>.

A new step for the laboratory already accredited to ISO 17025 by COFRAC in the fields of :

- Time-frequency calibration of centrifuges, scope 2-5659 : <https://tools.cofrac.fr/annexes/sect2/2-5659.pdf>
- Temperature measurement chain calibration, scope 2-2022 : <https://tools.cofrac.fr/annexes/sect2/2-2022.pdf>
- Temperature characterisation of thermostatic chambers, baths and centrifuges, scope 1-2479 - <https://tools.cofrac.fr/annexes/sect1/1-2479.pdf>

## **A metrology laboratory at state-of-the-art and efficient to contribute to the performance of volumetric measurements!**



The LABELIANS team designed our smart service metrology laboratory from start to finish, including everything from the initial 3D design to the final setup.

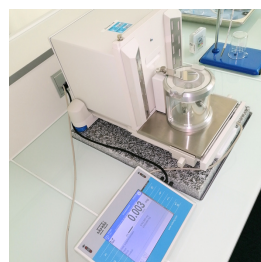
We make sure to maintain all the necessary conditions for accurate volume measurements.

Plus, we've included design features to make the workspace comfortable and reduce the risk of physical strain.

## **A high-performance environment and process**



Well-controlled ambient conditions:  
temperature and humidity



Gravimetric measurements on high-precision balances



Disassembly, cleaning and maintenance of all brands



Volumetric module adjustment for non-compliant calibration

## CUSTOMISED SERVICES

### LAB ESSENTIEL ★

**Standard and convenient**

**The ideal solution for periodic calibrations**

The LAB ESSENTIEL service includes rigorous cleaning and disinfection before the calibration is carried out as is.

In case of non-conformity, a post-calibration diagnosis will determine whether the instrument requires parts replacement and/or adjustment (on quotation).

### LAB SMART ★★★

**Optimal traceability**

**Guaranteed durability and traceability of the instrument**




The LAB SMART service provides global traceability of the instrument for greater durability.

A calibration certificate is issued for the micropipette in its current state, before a complete overhaul is carried out (greasing, changing seals) followed by an adjustment. Once these operations have been carried out, the instrument is recalibrated.




#### Conditions

<b>1, 8 et 12</b>	Channel number	<b>1, 8 et 12</b>
<b>10</b>	Number of measures	<b>10</b>





#### On receipt

	External cleaning	
	Internal cleaning	




#### Maintenance

	Complete maintenance	
	Parts to be replaced on quotation	

#### Metrology

	Calibration as is	
	Metrological inspection and adjustment if necessary	
	Calibration after adjustment	

#### Supplementary service

	Pipette removal	
	Shipping pipettes in special packaging	

## YOUR ARTICLE



### Standard and convenient

- 1- Select the calibration solution according to the model and the number of volumes tested
- 2- Add the transport service



### Optimal traceability

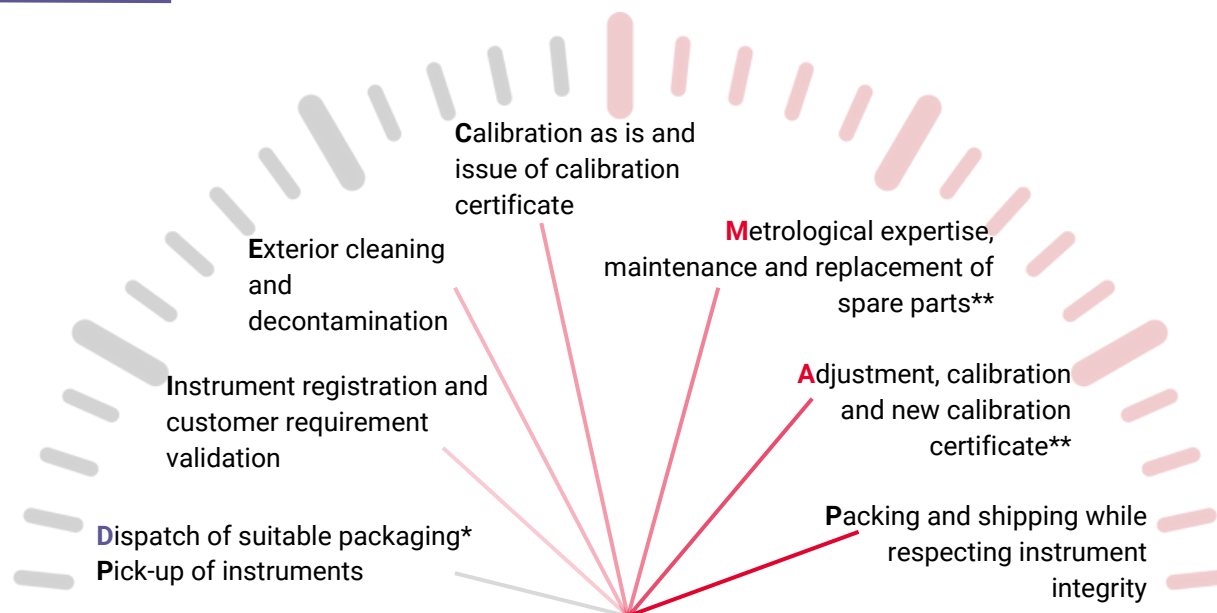
- 1- Select the calibration service (performed twice, before and after maintenance) according to the model and the number of volumes tested
- 2- Add the preventive maintenance service
- 3- Complete with the SMART transport service

Calibration on			Model	2 calibrations (before and after maintenance)			Preventive maintenance
1 volume	2 volumes	3 volumes		1 volume	2 volumes	3 volumes	
ETPIPMONO1X10	ETPIPMONO2X10	ETPIPMONO3X10	<b>Single-channel</b>	ETPIPMONO1X10	ETPIPMONO2X10	ETPIPMONO3X10	MPIPMONO
ETPIPMULTI81X10	ETPIPMULTI82X10	ETPIPMULTI83X10	<b>8-channel</b>	ETPIPMULTI81X10	ETPIPMULTI82X10	ETPIPMULTI83X10	MPIPMULTI8
ETPIPMULTI121X10	ETPIPMULTI122X10	ETPIPMULTI123X10	<b>12-channel</b>	ETPIPMULTI121X10	ETPIPMULTI122X10	ETPIPMULTI123X10	MPIPMULTI12
FRAISDEPORT			<b>Delivery costs</b>	FRAISDEPORT+			



The LABELIANS solution offers customized services as well  
Contact us to learn more!

## CHOOSE PIPETTE METROLOGY BY LABELIANS...



**A fast, efficient process for a controlled deadline**

\* Additional service

\*\* Included in the LABELIANS smart service

0800 970 724

Service & appel gratuits

labelians.fr



**LABELIANS**

smart service