

# ISO/IEC 17025 Pre-Calibrated Axygen® Axypet® Pipettors



## Axygen Axypet Pipettor Standard Testing

Each pipettor manufactured by Corning is individually calibrated and gravimetrically tested during the manufacturing process. The Quality Control Certificate with the gravimetric test results is supplied with a pipettor.

## ISO Quality Systems

Corning's manufacturing site located in Poland (PZ HTL S.A.) is certified according to ISO 9001 and ISO 14001 quality management standards. The Calibration Laboratory of PZ HTL S.A. has been certified according to ISO 17025. The Certificate confirms effectiveness of the quality management system, and also accuracy and reliability of tests within the laboratory for piston pipettor's calibration. The official accreditation number: AP169 issued by PCA (signatory EA MLA and ILAC MRA), validity: December 20, 2020.

## ISO 17025 Accredited Calibration Certificate

The PZ HTL S.A. Accredited Calibration Laboratory is considered an independent metrological laboratory. It is allowed to issue Accredited Calibration Certificates for single-channel and multi-channel pipettors with the ILAC MRA logo which proves that the measurements are linked to the International System Units. The pipettor calibration is performed using the gravimetric method and complies with ISO 8655-6. It is offered in two options:

- ▶ Standard Procedure: 10 measurements at 3 volumes (nominal volume, 50% of nominal volume, 10% of nominal volume or minimal volume)
- ▶ Alternative Procedure: 4 measurements at 3 volumes (nominal volume, 50% of nominal volume, 10% of nominal volume or minimal volume)

## ILAC MRA

The International Laboratory Accreditation Cooperation (ILAC) is the international cooperation between the various laboratory accreditation bodies operated throughout the world. The ILAC arrangement guarantees that test results are mutually acceptable between different governmental and regulatory organizations on regional, national, and international levels. The ILAC MRA Mark is associated with the ILAC Mutual Recognition Arrangement (MRA) and it ensures that each laboratory is actually complying with the same minimum standards. Signatories to the ILAC MRA arrangement are, among others, BELAC (Belgium), CORFAC (France), SAS (Switzerland), UKAS (United Kingdom), A2LA, IAS, NVLAP (USA), and also IAJapan, JAB (Japan), CGCRE (Brazil).



AP 169



## Ordering Information

### Axygen® Axyper® Single-channel, 8-channel, and 12-channel Pipettors with Accredited Calibration Certificate

Calibration Certificate issued by ACCREDITED LABORATORY No. 07 188  
Date of issue: February 8, 2017 Certificate No. 0900002007 Page: 2 / 2

Calibration results are the following

| No. of the calibration | Measured value | Measurement uncertainty | Quantity of measurement |
|------------------------|----------------|-------------------------|-------------------------|
| if                     | μl             | μl                      | μl                      |
| 0                      | 0.00           | 0.02                    | 0.05                    |
| 10                     | 0.04           | 0.04                    | 0.33                    |
| 200                    | 0.02           | 0.08                    | 0.03                    |

Authorized by: Kipke Katerina

HEALTH, S.A.  
E. Domonkos St.  
55-555 Stratos Street  
Athens - 115 27, Greece  
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Calibration Laboratory accredited to ISO 15189 and ILAC-MRA. It includes recognition of calibration certificates internationally.

**CALIBRATION CERTIFICATE**

Date of issue: February 8, 2017 Certificate No. 0900002007 Page: 1 / 2

**OBJECT OF CALIBRATION**  
Volume measurement (200 μl) and (5000 μl) of pipettors (200 μl and 5000 μl) of the brand: AXYPER.

**APPLICANT**  
Medical Center  
328 N. State St., Jackson, MS 39202

**CALIBRATION METHOD**  
Gravimetric

**ENVIRONMENTAL CONDITIONS**  
Air temperature: 19.4 ± 0.3 °C  
Relative humidity: 52.2 ± 2.4 %  
Atmospheric pressure: 1027 ± 0.2 hPa

**DATE OF CALIBRATION**  
February 8, 2017

**TRACEABILITY**  
This certificate is issued under the agreement EA-MLA in the field of calibration and provides traceability of measurement results to the International System of Units (SI).

**UNCERTAINTY OF MEASUREMENT**  
Uncertainty of measurement has been evaluated in compliance with EN ISO 15189. The reported uncertainty expressed corresponds to a coverage probability (k) of 2.

GERMANY UNACQUAINTED  
Andrey Schmitt

This certificate may be presented or copied as a single document only.

| Standard Procedure Cat. No. | Alternative Procedure Cat. No. | Volume Range (μL) | Channels | Qty/Cs |
|-----------------------------|--------------------------------|-------------------|----------|--------|
| AP-2-STD                    | AP-2-ALT                       | 0.1 - 2.0         | 1        | 1      |
| AP-10-STD                   | AP-10-ALT                      | 0.5 - 10          | 1        | 1      |
| AP-20-STD                   | AP-20-ALT                      | 2 - 20            | 1        | 1      |
| AP-50-STD                   | AP-50-ALT                      | 5 - 50            | 1        | 1      |
| AP-100-STD                  | AP-100-ALT                     | 10 - 100          | 1        | 1      |
| AP-200-STD                  | AP-200-ALT                     | 20 - 200          | 1        | 1      |
| AP-250-STD                  | AP-250-ALT                     | 50 - 250          | 1        | 1      |
| AP-1000-STD                 | AP-1000-ALT                    | 100 - 1,000       | 1        | 1      |
| AP-5000-STD                 | AP-5000-ALT                    | 1,000 - 5,000     | 1        | 1      |
| AP-10ML-STD                 | AP-10ML-ALT                    | 1,000 - 10,000    | 1        | 1      |
| AP-8-10-STD                 | AP-8-10-ALT                    | 0.5 - 10          | 8        | 1      |
| AP-8-50-STD                 | AP-8-50-ALT                    | 5 - 50            | 8        | 1      |
| AP-8-200-STD                | AP-8-200-ALT                   | 20 - 200          | 8        | 1      |
| AP-8-300-STD                | AP-8-300-ALT                   | 50 - 300          | 8        | 1      |
| AP-12-10-STD                | AP-12-10-ALT                   | 0.5 - 10          | 12       | 1      |
| AP-12-50-STD                | AP-12-50-ALT                   | 5 - 50            | 12       | 1      |
| AP-12-200-STD               | AP-12-200-ALT                  | 20 - 200          | 12       | 1      |
| AP-12-300-STD               | AP-12-300-ALT                  | 50 - 300          | 12       | 1      |

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

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