

Accumax



THE SMART WAY TO WORK

Accumax Smart Pipettes

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Existing pipettes in the market come with a whole host of problems. From persistent issues with precision to pain in fingers after long usage, these pipettes are not designed for the ease and convenience of users.

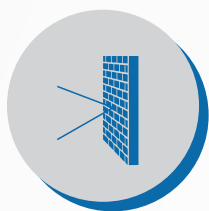
With in-house R&D capabilities, Accumax after extensive research into user feedback & expectations, designed the Accumax Smart Pipette which provides an exceptional user-experience.

A design specially focused on ergonomics enables the pipette to enhance ease-of-use and provide a fatigue-free experience even after long usage. The volume-lock mechanism on Accumax Smart also provides protection against accidental volume changes mid-way through the pipetting process.



Better Than The Best

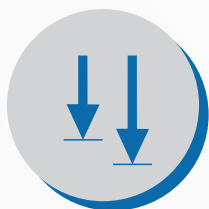
Featuring best-in-class features which provide you with limitless flexibility and unmatched precision, Accumax Smart Pipettes promise exceptional performance complemented by years of durability



Pipette Handle Has Coating Of Thermoplastic Elastomer To Prevent Body Heat Transfer To Internal Parts For High Precision Even During Continuous Use.



New Tip Cone Design For Smooth Fitting With Wide Range Of Tips Made Up Of PVDF

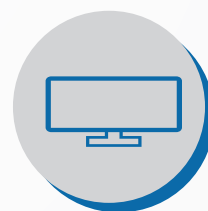


Two-step Plunger Operation Allows For "Reverse Pipetting Technique"

Calibrated As Per ISO 8655 In ISO 17045 Accredited Lab



Large & Clear 4-digit Display Which Gives Smaller Increments For Wider Volume Selection Options.



Comes With An Always Visible Volume Display For Easy Reading While Pipetting.



Work Smarter, Not Harder.

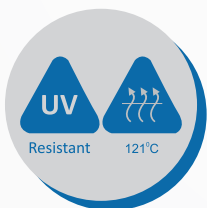
Experience the luxury of extreme convenience with Accumax Smart Pipettes which ensures that your works effortlessly simple.



Easily Accessible
Mechanism For
Effortless Re-calibration.



In House Cleaning, Repair
And Calibration Possible
Without Any Special Tools



UV Resistant & Fully
Autoclavable Without
Disassembly For Maximum
Convenience As Well
As Protection From
Contamination

Lightweight Construction
Enhances Ease-of-use
And Provides A Fatigue-free
Experience Even After
Long Usage



Shelf Mounting
Stand For Convenient
Storage And Handling



One Of The Lowest
Operating Force Requirement
For Effortless Pipetting.



Other features

- Special PTFE Sealing Mechanism In Lieu Of Conventional O-ring Results In Long Lasting Accuracy, Precise & Smooth Operation.
- Comes With A Locking Mechanism To Prevent Accidental Volume Changes
- Soft Tip Ejector For Smooth One-hand Ejection Of The Tip Preventing Any Contamination.

Multichannel Pipettes

Includes All Basics Features Of Accumax Single Channel Smart & Other Feature Like

- Soft force / leak free tip loading and ejection.
- Easily removable & fully autoclavable manifold.
- Flexibility to operate pipette without twisting the wrist with the help of 360° rotatable Manifold.
- One hand tip ejection
- Attractive color coding
- Compatible with wide range of tips
- Available in 8 & 12 channels
- Dual "O" ring on all channel for better fitting of tip



Ordering Information

Accumax Smart Variable Volume Micropipette

| Cat. No. | Volume Range [μ l] | Increments [μ l] | Test Volume [μ l] | Inaccuracy (\pm) % | Inaccuracy (\pm) μ l | Imprecision (\pm) % | Imprecision (\pm) μ l |
|----------|-------------------------|-----------------------|------------------------|------------------------|------------------------------|-------------------------|-------------------------------|
| SVA-100 | 0.5-10 | 0.02 | 1 | 2.5 | 0.03 | 1.8 | 0.02 |
| | | | 5 | 2 | 0.10 | 1 | 0.05 |
| | | | 10 | 1 | 0.10 | 0.6 | 0.06 |
| SVA-125 | 0.1 - 2.5 | 0.002 | 0.25 | 12 | 0.03 | 6 | 0.02 |
| | | | 1.25 | 3 | 0.04 | 3 | 0.04 |
| | | | 2.5 | 2.5 | 0.06 | 1.6 | 0.04 |
| SVA-200 | 5-50 | 0.1 | 5 | 2 | 0.10 | 2 | 0.10 |
| | | | 25 | 0.8 | 0.20 | 0.4 | 0.10 |
| | | | 50 | 0.6 | 0.30 | 0.3 | 0.15 |
| SVA-500 | 10-100 | 0.1 | 10 | 3 | 0.30 | 1 | 0.10 |
| | | | 50 | 1 | 0.50 | 0.5 | 0.25 |
| | | | 100 | 0.8 | 0.80 | 0.2 | 0.20 |
| SVA-600 | 100-1000 | 1 | 100 | 3 | 3.00 | 0.6 | 0.60 |
| | | | 500 | 1 | 5.00 | 0.4 | 0.02 |
| | | | 1000 | 0.6 | 6.00 | 0.2 | 2.00 |
| SVA-700 | 2-20 | 0.02 | 2 | 3 | 0.06 | 2 | 0.04 |
| | | | 10 | 1.5 | 0.15 | 1 | 0.10 |
| | | | 20 | 0.9 | 0.18 | 0.4 | 0.08 |
| SVA-800 | 20-200 | 0.2 | 20 | 2.5 | 0.50 | 0.7 | 0.14 |
| | | | 100 | 0.7 | 0.70 | 0.3 | 0.30 |
| | | | 200 | 0.6 | 1.20 | 0.2 | 0.40 |
| SVA-905 | 500-5000 | 10 | 500 | 2.4 | 12.00 | 0.6 | 3.00 |
| | | | 2500 | 1.2 | 30.00 | 0.25 | 6.25 |
| | | | 5000 | 0.6 | 30.00 | 0.2 | 0.1 |
| SVA-1000 | 1000-10000 | 20 | 1000 | 3 | 30.00 | 0.3 | 6.00 |
| | | | 5000 | 0.8 | 40.00 | 0.3 | 15.00 |
| | | | 10000 | 0.6 | 60.00 | 0.2 | 20.00 |

Accumax Smart Fix Volume Micropipette

| Cat. No. | Volume [μ l] | Test Volume | Inaccuracy (\pm) % | Inaccuracy (\pm) μ l | Imprecision (\pm) % | Imprecision (\pm) μ l |
|-----------|-------------------|-------------|------------------------|------------------------------|-------------------------|-------------------------------|
| SFA-205 | 2.5 | 2.5 | 2 | 0.05 | 1.6 | 0.04 |
| SFA-5 | 5 | 5 | 1.3 | 0.07 | 1.2 | 0.06 |
| SFA-10 | 10 | 10 | 1.2 | 0.08 | 0.8 | 0.08 |
| SFA-20 | 20 | 20 | 1 | 0.12 | 0.5 | 0.10 |
| SFA-25 | 25 | 25 | 1 | 0.13 | 0.3 | 0.15 |
| SFA-50 | 50 | 50 | 0.7 | 0.25 | 0.3 | 0.15 |
| SFA-100 | 100 | 100 | 0.6 | 0.5 | 0.3 | 0.3 |
| SFA-200 | 200 | 200 | 0.6 | 0.8 | 0.2 | 0.40 |
| SFA-250 | 250 | 250 | 0.6 | 1 | 0.3 | 0.50 |
| SFA-500 | 500 | 500 | 0.6 | 1.5 | 0.2 | 1.00 |
| SFA-1000 | 1000 | 1000 | 0.6 | 3 | 0.2 | 2.00 |
| SFA-2000 | 2000 | 2000 | 0.3 | 6.00 | 0.15 | 0.03 |
| SFA-5000 | 5000 | 5000 | 0.3 | 15.00 | 0.15 | 7.50 |
| SFA-10000 | 10000 | 10000 | 0.6 | 60.00 | 0.2 | 0.2 |

Ordering Information

| Multi (8) Channel Pipettes | | | | | | | |
|----------------------------|-------------------|-----------------------|------------------------|------------------------|------------------------------|-------------------------|-------------------------------|
| Cat. No. | Volume [μ l] | Increments [μ l] | Test Volume [μ l] | Inaccuracy (\pm) % | Inaccuracy (\pm) μ l | Imprecision (\pm) % | Imprecision (\pm) μ l |
| SMA8-010 | 0.5-10 | 0.02 | 10 | 2 | 0.20 | 1.00 | 0.10 |
| | | | 5 | 4 | 0.20 | 2.00 | 0.10 |
| | | | 1 | 8 | 0.08 | 5.00 | 0.05 |
| SMA8-020 | 2-20 | 0.02 | 20 | 2 | 0.40 | 1.60 | 0.32 |
| | | | 10 | 3 | 0.30 | 2.00 | 0.20 |
| | | | 2 | 7 | 0.14 | 3.00 | 0.06 |
| SMA8-050 | 5-50 | 0.1 | 50 | 1 | 0.50 | 0.70 | 0.35 |
| | | | 25 | 1.5 | 0.38 | 1.00 | 0.25 |
| | | | 5 | 3 | 0.15 | 2.00 | 0.10 |
| SMA8-100 | 10 – 100 | 0.1 | 100 | 0.8 | 0.80 | 0.30 | 0.30 |
| | | | 50 | 1 | 0.50 | 0.80 | 0.40 |
| | | | 10 | 3 | 0.30 | 2.00 | 0.20 |
| SMA8-200 | 20-200 | 0.2 | 200 | 0.7 | 1.40 | 0.25 | 0.50 |
| | | | 100 | 1 | 1.00 | 0.40 | 0.40 |
| | | | 20 | 5 | 1.00 | 1.40 | 0.28 |
| SMA8-300 | 30-300 | 0.2 | 300 | 0.6 | 1.80 | 0.30 | 0.90 |
| | | | 150 | 1 | 1.50 | 0.50 | 0.75 |
| | | | 30 | 3 | 0.90 | 1.00 | 0.30 |

| Multi (12) Channel Pipettes | | | | | | | |
|-----------------------------|-------------------|-----------------------|------------------------|------------------------|------------------------------|-------------------------|-------------------------------|
| Cat. No. | Volume [μ l] | Increments [μ l] | Test Volume [μ l] | Inaccuracy (\pm) % | Inaccuracy (\pm) μ l | Imprecision (\pm) % | Imprecision (\pm) μ l |
| SMA12-010 | 0.5-10 | 0.02 | 10 | 2 | 0.20 | 1.00 | 0.10 |
| | | | 5 | 4 | 0.20 | 2.00 | 0.10 |
| | | | 1 | 8 | 0.08 | 5.00 | 0.05 |
| SMA12-020 | 2-20 | 0.02 | 20 | 2 | 0.40 | 1.60 | 0.32 |
| | | | 10 | 3 | 0.30 | 2.00 | 0.20 |
| | | | 2 | 7 | 0.14 | 3.00 | 0.06 |
| SMA12-050 | 5-50 | 0.1 | 50 | 1 | 0.50 | 0.70 | 0.35 |
| | | | 25 | 1.5 | 0.38 | 1.00 | 0.25 |
| | | | 5 | 3 | 0.15 | 2.00 | 0.10 |
| SMA12-100 | 10 – 100 | 0.1 | 100 | 0.8 | 0.80 | 0.30 | 0.30 |
| | | | 50 | 1 | 0.50 | 0.80 | 0.40 |
| | | | 10 | 3 | 0.30 | 2.00 | 0.20 |
| SMA12-200 | 20-200 | 0.2 | 200 | 0.7 | 1.40 | 0.25 | 0.50 |
| | | | 100 | 1 | 1.00 | 0.40 | 0.40 |
| | | | 20 | 5 | 1.00 | 1.40 | 0.28 |
| SMA12-300 | 30-300 | 0.2 | 300 | 0.6 | 1.80 | 0.30 | 0.90 |
| | | | 150 | 1 | 1.50 | 0.50 | 0.75 |
| | | | 30 | 3 | 0.90 | 1.00 | 0.30 |

Accumax

Accumax Lab Devices Pvt. Ltd.
www.accumaximum.com



ISO 9001:2015
ISO 13485:2016

* OEM request can be entertained. Specifications can be changed without notice for quality improvement.