

alpha+ Pipettes

- Accuracy
- Performance
- Value

The range of **alpha+** pipettes provides variable and fixed volume single channel, plus 8 and 12-channel models.

These lightweight, easy-to-use pipettes are robust and reliable even in the most challenging environments.

They provide unsurpassed accuracy at a very affordable price for true quality and economy within an attractive modern design.

Each pipette is supplied with a full calibration report according to ISO8655:2002 part 6. The pipettes are fully autoclavable without dismantling and carry a three year warranty.



alpha laboratories
supplying quality to science

Performance

- Calibration report according to ISO8655:2002 part 6 enclosed with every pipette
- Ensures high accuracy and precision
- Body grip made from TPE (Thermo Plastic Elastomer) insulates the pipette to minimise transfer of body heat to maintain high accuracy even in continuous use

Ergonomics

- Ergonomic design for minimum fatigue of hands and fingers
- Light weight
- Soft-grip body
- Soft plunger movement for reduced thumb stress
- Finger hook for support

Easy-to-Use

- Easy model volume identification through colour coding
- Click-stop digital system for volume setting

Robust and Reliable

- Autoclavable
- UV resistant
- 3 year warranty



alpha+ Pipettes Tip Fit Guide

| Pipette Cat. No. | Pipette Description | | | | | | | Alpha Laboratories Part Numbers | | | | | | | | | |
|------------------|------------------------------------|----------------------------|------------------|-------------------------------|------------------------|----------|-------------------------------|---------------------------------|--|------------------------|----------------------------|----------------|-------------------|--------------------|--|--------|---|
| | | Non Filtered Standard Tips | | | | | Non Filter Low Retention Tips | | Filtered Standard Tips | | Aerogard® Filter Tips | | Gel Cutting Tips | | Gel Loading Tips | | |
| | | Loose | Racked | Rack Sterile | Fastrak | Everyday | Loose | Racked | Racked Sterile | | Rack Sterile Low Retention | | Gel Cutting Loose | Gel Cutting Racked | Loose | Racked | Racked Sterile |
| APV000025 | 0.1-2.5µl Variable Volume | LW1154 | LW1126 | LW1136 | FR1015 | | LP010N, LP010XLN | | ZP1015S, ZP1010S | LP010NFRS, LP010XLNFRS | | | | LW1103 | GL01017NTRS, GL01037NTR, GL01057NTR | | GL01017NTRS, GL01037NTRS, GL01057NTRS |
| APV000100 | 0.5-10µl Variable Volume | LW1154 | LW1126 | LW1136 | FR1015 | | LP010N, LP010XLN | | ZP1015S, ZP1010S | LP010NFRS, LP010XLNFRS | | | | LW1103 | GL01017NTR, GL01037NTR, GL01057NTR | | GL01017NTRS, GL01037NTRS, GL01057NTRS |
| APV000200 | 2-20µl Variable Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP1204S | LP020NFRS | | | | GL20057SNTL | GL20017NTRS, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APV000500 | 5-50µl Variable Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | LW1065 | | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APV001000 | 10-100µl Variable Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2100S, ZP2200S, ZP1200S, ZP2250S | LP100NFRS | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APV002000 | 20-200µl Variable Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2250S | LP200NFRS | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APV010000 | 100-1000µl Variable Volume | LW6471, LP1000B | LW6470 | LW6475S | FR1250 | | LP1250N | | ZP1250S, ZP1100S, ZP1250CS | LP1000NFRS | | EL2650, EL2660 | EL2650R, EL2660R | | | | |
| APV050000 | 500-5000µl Variable Volume | LW7829 | | LW7828 | | | | | LW7832 | | | | | | | | |
| APV100000 | 1000-10000µl Variable Volume | LP10000B | | | | | | | | | | | | | | | |
| | Single Channel Fixed Volume | | | | | | | | | | | | | | | | |
| APF000025 | 2.5µl Fixed Volume | LW1154 | LW1126 | LW1136 | FR1015 | | LP010N, LP010XLN | | ZP1015S, ZP1010S | LP010NFRS, LP010XLNFRS | | | | LW1103 | GL01017NTR, GL01037NTR, GL01057NTR | | GL01017NTRS, GL01037NTRS, GL01057NTRS |
| APF000050 | 5µl Fixed Volume | LW1154 | LW1126 | LW1136 | FR1015 | | | | ZP1015S, ZP1010S | | | | | LW1103 | GL01017NTR, GL01037NTR, GL01057NTR | | GL01017NTRS, GL01037NTRS, GL01057NTRS |
| APF000100 | 10µl Fixed Volume | LW1154 | LW1126 | LW1136 | FR1015 | | | | ZP1015S, ZP1010S | | | | | LW1103 | GL01017NTR, GL01037NTR, GL01057NTR | | GL01017NTRS, GL01037NTRS, GL01057NTRS |
| APF000200 | 20µl Fixed Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP1204S | LP020NFRS | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APF000250 | 25µl Fixed Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP1204S | | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APF000400 | 40µl Fixed Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP1204S | | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APF000500 | 50µl Fixed Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | LW1065 | | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APF001000 | 100µl Fixed Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2100S, ZP2200S, ZP1200S, ZP2250S, LW1320 | LP100NFRS | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APF002000 | 200µl Fixed Volume | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2250S, LW1320 | LP200NFRS | | | | GL20057SNTL | GL20017NTR, GL20037NTR, GL20057NTR, GL20057SNTR | | GL20017NTRS, GL20037NTRS, GL20057NTRS, GL20057SNTRS |
| APF002500 | 250µl Fixed Volume | LW6471, LW1045, LP1000B | LW6470 | LW6475S | FR1250 | ED1000 | LP1250N | | ZP1250S, ZP1100S, ZP1250CS | LP1000NFRS | | EL2650, EL2660 | EL2650R, EL2660R | | | | |
| APF005000 | 500µl Fixed Volume | LW6471, LW1045, LP1000B | LW6470 | LW6475S | FR1250 | ED1000 | LP1250N | | ZP1250S, ZP1100S, ZP1250CS | LP1000NFRS | | EL2650, EL2660 | EL2650R, EL2660R | | | | |
| APF010000 | 1000µl Fixed Volume | LW6471, LW1045, LP1000B | LW6470 | LW6475S | FR1250 | ED1000 | LP1250N | | ZP1250S, ZP1100S, ZP1250CS | LP1000NFRS | | EL2650, EL2660 | EL2650R, EL2660R | | | | |
| APF020000 | 2000µl Fixed Volume | LW7829 | | LW7828 | | | | | LW7832 | | | | | | | | |
| APF050000 | 5000µl Fixed Volume | LW7829 | | LW7828 | | | | | LW7832 | | | | | | | | |
| APF100000 | 10000µl Fixed Volume | LP10000B | | | | | | | | | | | | | | | |
| | Multichannel | | | | | | | | | | | | | | | | |
| AP80010 | 0.5-10µl 8-Channel | LW1154 | LW1126 | LW1136 | FR1015 | | LP010N, LP010XLN | | ZP1015S, ZP1010S | LP010NFRS, LP010XLNFRS | | | | LW1103 | | | |
| AP80050 | 5-50µl 8-Channel | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP0250S, ZP2100S | | | | | | | | |
| AP80100 | 10-100µl 8-Channel | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2100S, ZP2200S, ZP1200S, ZP2250S | LP100NFRS | | | | | | | |
| AP80200 | 20-200µl 8-Channel | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2250S | | | | | | | | |
| AP80300 | 30-300µl 8-Channel | | | | FR1300 | | | LP300NR | ZP3300S, ZP1300S | LP300NFRS | | | | | | | |
| AP120010 | 0.5-10µl 12-Channel | LW1154 | LW1126 | LW1136 | FR1015 | | LP010N, LP010XLN | | ZP1015S, ZP1010S | LP010NFRS, LP010XLNFRS | | | | LW1103 | | | |
| AP120050 | 5-50µl 12-Channel | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP0250S, ZP2100S | | | | | | | | |
| AP120100 | 10-100µl 12-Channel | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2100S, ZP2200S, ZP1200S, ZP2250S | LP100NFRS | | | | | | | |
| AP120200 | 20-200µl 12-Channel | LW6361, LW6391, LP200BVB | LW6360, LP200BVB | LW6365S, LW6393S, LP200BVBRSY | FR1200, FR2200, FRO250 | ED0200 | LP200N | | ZP2250S | | | | | | | | |
| AP120300 | 30-300µl 12-Channel | | | | FR1300 | | | LP300NR | ZP3300S, ZP1300S | LP300NFRS | | | | | | | |

alpha+ Pipettes Ordering Information

| Catalogue Number | Volume Range | Increments μl | Error of Trueness % at Nominal Volume | Imprecision % at Nominal Volume |
|---|--------------------------|--------------------------|---------------------------------------|---------------------------------|
| Variable Volume Single Channel alpha+ Pipettes | | | | |
| APV00025 | 0.1-2.5 μl | 0.01 | 2.5 | 1.6 |
| APV000100 | 0.5-10 μl | 0.1 | 1 | 0.6 |
| APV000200 | 2-20 μl | 0.1 | 0.9 | 0.4 |
| APV000500 | 5-50 μl | 0.5 | 0.6 | 0.3 |
| APV001000 | 10-100 μl | 0.5 | 0.8 | 0.2 |
| APV002000 | 20-200 μl | 1 | 0.6 | 0.2 |
| APV010000 | 100-1000 μl | 5 | 0.6 | 0.2 |
| APV050000 | 500-5000 μl | 50 | 0.6 | 0.2 |
| APV100000 | 1000-10000 μl | 100 | 0.6 | 0.2 |
| Fixed Volume Single Channel alpha+ Pipettes | | | | |
| APF000025 | 2.5 μl | N/A | 2.0 | 1.6 |
| APF000050 | 5 μl | N/A | 1.3 | 1.2 |
| APF000100 | 10 μl | N/A | 1.2 | 0.8 |
| APF000200 | 20 μl | N/A | 1.0 | 0.5 |
| APF000250 | 25 μl | N/A | 1.0 | 0.3 |
| APF000400 | 40 μl | N/A | 1.0 | 0.3 |
| APF000500 | 50 μl | N/A | 0.7 | 0.3 |
| APF001000 | 100 μl | N/A | 0.6 | 0.2 |
| APF002000 | 200 μl | N/A | 0.6 | 0.2 |
| APF002500 | 250 μl | N/A | 0.6 | 0.2 |
| APF005000 | 500 μl | N/A | 0.6 | 0.2 |
| APF010000 | 1ml | N/A | 0.6 | 0.2 |
| APF020000 | 2ml | N/A | 0.3 | 0.2 |
| APF050000 | 5ml | N/A | 0.3 | 0.2 |
| APF100000 | 10ml | N/A | 0.6 | 0.2 |

Other volumes may be available subject to minimum order requirements

alpha+ Multichannel Pipettes

Designed with the same care and attention to detail as the single channel **alpha+** range, the multi-channel range comes with a choice of 8- or 12- tip 360° swivel head. This range is also autoclavable and carries a 3 year warranty.

| Catalogue Number | Volume Range | Increments μl | Error of Trueness % at Nominal Volume | Imprecision % at Nominal Volume |
|-----------------------------------|----------------------|--------------------------|---------------------------------------|---------------------------------|
| 8-Channel alpha+ Pipettes | | | | |
| AP80010 | 0.5-10 μl | 0.1 | 1.5 | 1.5 |
| AP80050 | 5-50 μl | 0.5 | 1.0 | 0.7 |
| AP80100 | 10-100 μl | 1.0 | 1.0 | 0.5 |
| AP80200 | 20-200 μl | 1.0 | 0.7 | 0.25 |
| AP80300 | 30-300 μl | 1.0 | 0.8 | 0.25 |
| 12-Channel alpha+ Pipettes | | | | |
| AP120010 | 0.5-10 μl | 0.1 | 1.5 | 1.5 |
| AP120050 | 5-50 μl | 0.5 | 1.0 | 0.7 |
| AP120100 | 10-100 μl | 1.0 | 1.0 | 0.5 |
| AP120200 | 20-200 μl | 1.0 | 0.7 | 0.25 |
| AP120300 | 30-300 μl | 1.0 | 0.8 | 0.25 |



alpha+ Pipette Stands

| Cat. No. | Description |
|----------|--|
| APS-4 | Stand to hold 4 x alpha+ Pipettes |
| APS-6 | Stand to hold 6 x alpha+ Pipettes |



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