



## Safety Instructions

Read the operating manual (found at [www.vistalab.com/support](http://www.vistalab.com/support)) completely before using the device for the first time. Also, observe the instructions for use of the accessories. This instrument may sometimes be used with hazardous materials, operations, and equipment. It is beyond the scope of these instructions or the manual to address all the potential safety risks associated with its use in such applications. It is the responsibility of the user of this instrument to consult and establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

ali-Q is an aliquoting pipet controller designed for aspirating and dispensing aqueous solutions with plastic or glass pipets in 0.1 to 200mL volumes. It is intended for measurement, control and laboratory use. Any use of this instrument in a medical or IVD setting is under the sole responsibility to the user.

### ! Read the following carefully!

1. Every user must read and understand these instructions and operating manual before operation.
2. Follow general instructions for hazard prevention and safety instructions; e.g., wear protective clothing, eye protection and gloves.
3. Observe all specifications provided by reagent manufacturers.
4. Never use the instrument in an atmosphere with a danger of explosion. Highly flammable liquids must not be pipetted.
5. Use the instrument only for pipetting liquids, with strict regard to the defined limitations of use. If in doubt, contact the manufacturer or supplier.
6. Always use the instrument in such a way that neither the user nor any other person is endangered. Avoid splashes. Only use suitable vessels.
7. Never use force on the instrument!
8. Use only original manufacturer's accessories and spare parts. Do not attempt to make any technical alterations. Do not dismantle the instrument any further than is described in the operating manual!
9. Always check the instrument for visible damage before use. If there is a sign of a potential malfunction, immediately stop pipetting. Consult the 'Troubleshooting' section of this manual or contact the manufacturer if needed.
10. Only the original AC adapter can be used for recharging of the Lithium Ion battery. Do not replace with non-rechargeable batteries or rechargeable batteries of other manufacturers.
11. The AC adapter must be protected against moisture and must be used only for this instrument.
12. Only authorized service personnel may service the instrument. Unauthorized repair or service may void the units' warranty
13. **DO NOT AUTOCLAVE** ali-Q. Only approved parts and accessories may be removed from unit for autoclaving.
14. **WARNING!** Improper use of the instrument or the battery (short-circuit, mechanical damage, overheating etc.) may cause the explosion of the battery.

### Operating Conditions:

- Operating Temp: 15°C to 40°C (59°F to 104°F)
- Storage Temp: -20°C to +50°C (-4°F to +122°F)
- Altitude up to 2000m
- Relative Humidity: 10% - 95%, non-condensing
- Atmospheric Pressure: 70 – 106 kPa (525 - 795 mmHg)
- Vapor Pressure up to max. 500 mbar. Aspirate slowly above 300 mbar, to prevent liquid boiling
- Density up to 9.0 g/cm<sup>3</sup>

### ali-Q Body Chemical Compatibility for cleaning and decontaminating

Water, diluted ethanol or isopropanol. For more information on chemical compatibility, see the support area of our website, [www.vistalab.com/support](http://www.vistalab.com/support).

## WARNING!

Only use manufacturer's Lithium ion battery (VistaLab Cat #9020-4001). The battery must not be replaced by non-rechargeable or re-chargeable batteries of other manufacturers. Use of other manufacturer's batteries or improper use of the instrument (e.g., short-circuit, mechanical damage, overheating, etc.) may cause the battery to explode.

## WARNING!

Do not short circuit battery to discharge it!

Risk of explosion and fire due to overheated rechargeable batteries. Do not heat to over 80°C and do not throw into fire.

## Disposal



The adjoining symbol means that storage batteries and electronic devices must be disposed of separately from household trash (mixed municipal waste) at the end of their service life.

- According to the Directive 2002/96/EC of the European parliament and of the Council on Waste Electrical Equipment (WEEE) of 27 January 2003, electronic equipment requires disposal according to the relevant national disposal regulations.

- Batteries contain substances that can have harmful effects on the environment and human health. Therefore, according to the Directive 2006/66/EC of the European Parliament and the Council on Waste Batteries of 6 September 2006 batteries require disposal according to the relevant national disposal regulations. Dispose of batteries only when completely discharged.

## Safety Compliance

See Declaration of Conformity at end of manual

EN 61010-1 General Safety Requirements

EN 61326 EMC Requirements

CSA C22.2, No. 61010.1

UL 3111-1

## Warranty

VistaLab Technologies guarantees the functionality of ali-Q for 1 year from the Date of Manufacture (original proof of purchase required).

VistaLab Technologies shall not be liable for the consequences of improper handling, use, servicing, operating or unauthorized repairs of the instrument or the consequences of normal wear and tear especially of wearing parts such as pistons, seals, valves and the breakage of glass as well as the failure to follow the instructions of the operating manual. We are not liable for damage resulting from any actions not described in the operating manual or if non-original spare parts or components have been used.

For warranty claims, please contact Technical Support to receive Return Authorization. Unit will be inspected for defects and repaired/ replaced as necessary at the sole discretion of VistaLab Technologies. Customer will be responsible for service charges for non-warranty damage.

To validate warranty, register your ali-Q at [www.vistalab.com/register-your-pipette](http://www.vistalab.com/register-your-pipette)

## Send-in Service

To send your ali-Q for routine calibration and maintenance or repairs, go to

[www.vistalab.com/service](http://www.vistalab.com/service)

to create a service order and pre-pay using a Purchase Order or Credit Card. Follow instructions on website and email confirmation to send-in for service. Be sure to decontaminate the unit before packaging. Put ali-Q into Shipping mode for safety by holding it completely upside-down and pressing purple aliquot button (red light will blink 2X).



Think Differently. Feel Better.

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