



AmpliVue®

Anytime, Anywhere Molecular Assays

64°C Amplification Block User Manual



General Information

Quidel Contact Information

Contact Quidel Technical Support from 8:00 a.m. to 5:00 p.m. EST









Tel: 800.874.1517 (in the U.S.)
858.552.1100 (outside the U.S.)



Fax: 740.592.9820

E-mail: technicalsupport@quidel.com or contact your local distributor

Website: quidel.com

Labels and symbols

Label	Description
	Manufacturer
	<i>In vitro</i> diagnostic medical device
	Consult instructions for use
	Authorized representative in the European Community
	Temperature limitation
	Directive 2002/96/EC on waste electrical and electronic equipment (WEEE)
	Serial Number
	Catalog Number

Symbol	Description
	Warning! Indicates a hazardous situation, which if not avoided, could result in injury to the Operator or a bystander (e.g., electrical shock)
	Caution! Hot surface

Brief Warnings, Precautions and Limitations

- Always operate the Amplification Block on a surface that is level and dry and not in direct sunlight.
- Never move the Amplification Block while there is a test in progress.
- Use only the power adapter that was provided with the Amplification Block.
- Do not drop the Amplification Block as it could damage the unit.
- To avoid damaging the Amplification Block, never place objects on top of it.

Safety Precautions

The AmpliVue 64°C Amplification Block is designed to provide safe and reliable operation when used according to this User Manual. If the Amplification Block is used in a manner not specified in the User Manual, the protection provided by the equipment may be impaired.

All warnings and precautions should be followed in order to avoid unsafe actions that could potentially result in personal injury or damage to the device.



Warning!

To reduce the risk of electrical shock:

- Unplug the Amplification Block before cleaning.
- Plug the device into an approved receptacle
- Do not immerse in water or cleaning solution
- Do not attempt to open the enclosure
- Use the appropriate power cord for the region.



Caution! Hot Surface

To reduce the risk of injury:

- Hot surfaces, especially on the block, can cause serious injury or burns.
- Do not put water or liquids into the well as shock, serious injury and death may occur.
- Do not heat flammable or explosive substances as serious injury and death may occur.

- To disconnect power at any time, the AC power cord can be removed from the DC power supply as the mains disconnect.

Failure to follow the precautions mentioned above will invalidate the warranty.

To reduce the risk of environmental contamination:

- Contact Quidel Technical Support at 800.874.1517 for return or disposal of the Amplification Block.
- Clean the Amplification Block per the Cleaning and Maintenance section of this User Manual prior to return or disposal.

Note: Always dispose of Amplification Block and accessories in accordance with Federal, State and Local requirements.

Introduction

Please read this manual thoroughly prior to operating the instrument.

Intended Use

The AmpliVue 64°C Amplification Block is a mini heat block featuring a heated lid for protecting samples against unwanted condensation and evaporation. The block and lid temperature can be controlled independently, making this Amplification Block the ideal choice for the most temperature sensitive application steps of nucleic acids extracted samples with AmpliVue assays.

Please read this manual carefully prior to operation. Any attempt to use this instrument that is not in accordance with the manual, may cause harm or injury to the user.

Installation

Place the AmpliVue 64°C Amplification Block on a flat and level surface nearby an electrical outlet. The instrument should be placed in a low relative humidity and low dust area away from a water source (e.g. water bath, sink, or water lines). It should not be near a heat source or in direct sunlight. This block is for indoor use.

OPERATION

- Attach the power cord and place the power switch into the on “-” position.
- Lift the lid of the block and install the appropriate block (purchased separately).
- Press the “SET” key and select the desired block temperature using the up and down arrows. The appropriate block temperature setting is 64°C.
- Press the “SET” key again and select the desired lid temperature using the up and down arrows. The appropriate lid temperature setting is 77°C.
- The instrument will now quickly heat to the desired temperature. The right side of the display will read “NOT OK” until the desired temperature has been reached in both, the block and lid. The display will then read “OK”
- Once the unit is up to temperature, load your samples into the block and lower the lid.

SPECIFICATIONS

Temp. Range:	Ambient +5 to 100°C
Temp. Accuracy:	± 0.5°C
Temp. Increments:	0.1°C
Temp. Uniformity:	± 0.2°C
Block Construction:	High Grade Aluminum
Environment:	4°C to 35°C
Dimensions:	4.4 x 5.9 x 4 in. (11.2 x 15 x 10 cm)
Weight:	3 lbs / 1.5kg
Electrical:	24v DC, 2A converted from 120V to 240V, 50-60 Hz

CLEANING AND MAINTENANCE

The aluminum blocks can be removed for cleaning by using the included block lifter. Once removed, the blocks can be cleaned with isopropyl alcohol or can be sterilized in an autoclave at 121°C for 20 minutes.

The instrument can be cleaned with a damp cloth or isopropyl alcohol. The instrument surface should not be cleaned with corrosive cleaning agents (e.g. bleach). Improper cleaning may pose a risk to the device in the long term causing cosmetic damage, and if the improper cleaning persists, possibly causing a mechanical failure.

To reduce the risk of amplicon contamination, wipe the instrument surface with an appropriate solution to remove any RNase and DNase that may be present.

For additional information regarding the compatibility of cleaning solutions that are not listed above, please contact Quidel Corporation.



M215 - AmpliVue 64°C Amplification Block



MDSS GmBH
Schiffgraben 41
30175 Hannover,
Germany



Quidel Corporation
2005 East State Street, Suite 100
Athens, OH 45701 USA
quidel.com

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