AutoTQ™

A Golden Hour Medical Innovation

theautotq.com

Instructions for Use

Manufactured by Golden Hour Medical

Welcome!

We are here to guide you through the process of setting up, storing, and using AutoTQ. This guide provides a brief overview of AutoTQ. Users are encouraged to familiarize themselves with more details, training videos, and more by visiting our website:

theautotq.com

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Standard Use Guidelines

Read this entire booklet and undergo training before attempting to utilize AutoTQ. The intended use of AutoTQ is to occlude blood flow to the arms below the shoulder or legs. Intended users of AutoTQ should only use as directed by user's military service component guidelines, EMS authority, or under the supervision of a physician, and in strict compliance with these Instructions for Use. Read the entire manual prior to using AutoTQ. Use AutoTQ cuffs as specified by the manufacturer. Failure to use AutoTQ on the indicated limb circumference range may lead to inadequate pressure for the bleed to stop. The use of any tourniquet longer than 2 hours may lead to permanent neurological or muscular damage. AutoTQ must NOT be applied over solid objects within the clothing. As soon as possible, the injured limb should be evaluated and AutoTQ should be placed on a single bone 2-3″ above the injury directly to the skin. AutoTQ should be stored in a cool, dry place away from direct sunlight. Re-use of AutoTQ Cuff may introduce risk of infection. The AutoTQ Cuff is a single use device and must be disposed of after each use. Dispose of used AutoTQ Cuff in accordance with local regulations for biomedical waste. Please report all serious incidents in relation to AutoTQ to the manufacturer and appropriate regulatory authority.

Contraindications: The tourniquet should not be used on patients with known arterial insufficiency or severe peripheral vascular disease. Avoid using the tourniquet on patients with suspected or diagnosed blood clotting disorders. Pregnant women should consult a healthcare professional before using the tourniquet.

Standard Use Guidelines

Warnings: AutoTQ is designed for use on adults and children with a limb circumference within its operational range. It may not be suitable for very small children or infants due to the risk of improper fit and potential injury. In individuals with sensitive skin or known skin conditions, the AutoTQ may cause skin damage or reactions. Use with caution and monitor the skin condition frequently. The AutoTQ is a medical device. It should never be used as a restraint device or weapon, or outside of these indications for use.

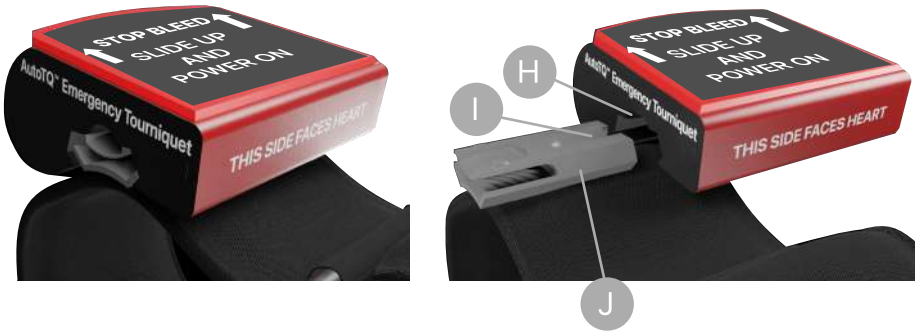
Liability Limitations: Failure to follow the guidelines, warnings, and instructions provided with AutoTQ limits the manufacturer's liability for any injuries or damages resulting from misuse. Any malfunction, failure, or incident resulting in a potential or actual injury must be reported to the manufacturer to facilitate corrective measures and prevent future occurrences.

Maintenance: AutoTQ must be charged regularly to avoid a depleted battery. Allow a full charge cycle, wherein the LED will turn solid green, prior to use. Only charge AutoTQ with the provided USB-C cable. Ensure AutoTQ is kept in idle mode when it is not being used. AutoTQ contains a lithium battery that must be disposed of in accordance with local regulations. The manufacturer reserves the right to update instructions, warnings, and contraindications based on new information or regulatory guidance. Always ensure you have the latest information regarding the use of the AutoTQ, which can be found on our website at goldenhourmedical.com/labeling. By adhering to these additional precautions and properly educating intended users, you can further mitigate risks associated with the use of the AutoTQ and protect both users and patients from potential harm.

Proper Use Guidelines: AutoTQ is exclusively designed for application on limbs (arms and legs). It must never be used around the neck or any part of the body other than the limbs, as this can lead to serious injury or death. AutoTQ should not be placed over any joint, such as the shoulder, elbow, wrist, hip, knee, ankle, etc. Avoid using improvised padding under the AutoTQ. Use only approved accessories or configurations as recommended by the manufacturer to ensure proper pressure distribution and effectiveness. Follow the manufacturer's instructions carefully to apply the appropriate amount of pressure. Over tightening can cause injury to the limb. Only use the AutoTQ that fits the patient's injured limb. Regularly assess the necessity of the tourniquet and remove it as soon as medically appropriate. Do not remove AutoTQ without supervision from a licensed physician medical professional in a healthcare setting. Ensure that users are properly trained in the use of the AutoTQ, including its application, monitoring, and removal. Untrained users are not permitted or qualified to use AutoTQ. By using AutoTQ, you agree to our terms of service (www.goldenhourmedical.com/termsofservice) and our privacy policy (www.goldenhourmedical.com/privacypolicy).

Get to Know AutoTQ

Get to Know AutoTQ



Components

A Pictorial instructions. These instructions are purposed to show you where and how to apply and pressurize AutoTQ.

B Cuff. The 2.9″ Wide cuff is inflatable and disposable after each use.

C Inflate Button. The inflate button is used to add pressure to the tourniquet.

D Power Button. The power button is used to wake up and mute the tourniquet.

E Slide Up Cover. The slide up cover is used to protect AutoTQ from impact and the elements.

F Loop. The loop is used to adjust AutoTQ to fit different limb sizes. The loop may look different than that pictured.

G USB Port. The USB port is used for charging the device.

H Receiver. The receiver is used for attachment to the cuff.

I One-Way Valve. The one-way valve holds pressure.

J Slider. The slider is coupled to the receiver during setup.

K Status LED. The status LED changes color depending on device status.

Initial Device Setup

1. Lower the receiver H onto the slider J and secure it by sliding along the arrow. Ensure that the top portion of the slider is flush with the top of the case (no bending at all).

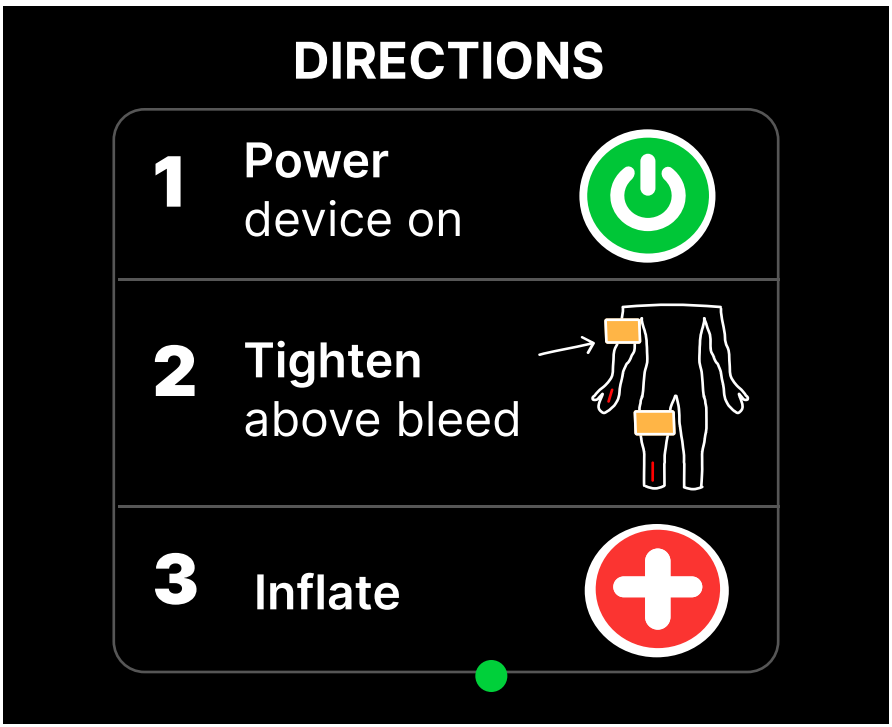
2. Press any button. The LED should turn green.
3. To make sure your AutoTQ is ready for use, test it on your limb by tightening the strap on your limb in accordance with operating circumference and pull the strap firmly toward your heart. Press the “inflate” button, and check to ensure (1) your radial or dorsalis pedis pulse has stopped and (2) that the AutoTQ stops pumping and achieves target pressure. This can be confirmed audibly, as the pump will stop running and AutoTQ will be silent. If you hear any leaks or if the pump does not stop, do not use AutoTQ and contact the manufacturer. To release, hold both buttons down for five seconds until the LED flashes red twice. The AutoTQ should deflate. Remove AutoTQ from your limb.
4. Plug in to a USB-C cable, and ensure the light blinks green. Put AutoTQ in sleep mode until you are ready to use it.
5. Store AutoTQ until needed. Ensure adequate battery level is maintained.

Cuff Replacement:

1. After use, pinch down on the clip J and reverse the direction of the arrow to remove the cuff from the electronics unit.
2. Follow steps 1-3 to replace the cuff. Ensure that you conduct the pressurization test detailed in step 3 to ensure that the cuff is ready for use.

Stop the Bleed with AutoTQ

Refer to the following instructions adhered to the top of AutoTQ. This document provides a brief overview of how to apply AutoTQ. For more detailed instructions, visit www.goldenhourmedical.com/training.



1. Apply direct pressure to the bleed.

FCC Statement

FCCID: 2BOHWAUTOTQ

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Specific Absorption Rate (SAR) information:
This Communicator meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.

Device types: Communicator has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the Communicator kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of the Communicator. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and
should be avoided.