

Cryotherapy Device LGT-2410S

Operation Manual - Class 2 Device



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Longest's innovative cryotherapy system LGT-2410S is designed for more efficient pain management and recovery for orthopedic conditions and sports injuries. The system uses the simplest way to treat injuries. It delivers much more efficient cold therapy - rapidly lowering the temperature of the targeted soft tissue, which helps reduce inflammation. It also decreases edema, nerve conduction velocities, cellular metabolism, and local blood flow. It is a convenient, user-friendly, economical, high-efficiency therapeutic system.

Cryotherapy Device

Operator & Safety Manual

Distributed by: MedSkin Distribution

Device Name: Cryotherapy Device

Device Identifier: LGT-2410S

Health Canada Medical Device Licence No.: 111471

Medical Device Class: Class II

Licence First Issue Date: July 4, 2024

Device Type: Single Device

1. Intended Use

The Cryotherapy Device is intended for localized, non-invasive cryotherapy treatments applied to the skin for cosmetic and therapeutic purposes, including:

- Temporary reduction of localized inflammation
- Skin cooling prior to or after aesthetic treatments
- Temporary relief of minor muscle or joint discomfort
- Supportive cosmetic skin treatments as permitted by practitioner scope

This device is intended for professional use only by trained operators in clinical, aesthetic, or medical settings



2. Contraindications

Do NOT use this device on clients with:

- Cold hypersensitivity or cold urticaria
- Raynaud's disease or severe circulatory disorders
- Open wounds, infections, or broken skin at the treatment site
- Nerve damage or loss of skin sensation in the treatment area
- Pregnancy (unless approved by a qualified healthcare provider)

3. Warnings & Precautions

- For external use only
- Do not apply cryotherapy for longer than recommended treatment times
- Avoid prolonged exposure that may cause frostbite or skin injury
- Do not operate the device if damaged or malfunctioning
- Always perform a client consultation and obtain informed consent
- Never leave the device unattended during operation

4. Device Description

The Cryotherapy Device (LGT-2410S) is a controlled skin-cooling system designed to deliver localized cold therapy through an applicator handpiece.

Key Components:

- Main control unit
- Cryotherapy applicator / handpiece
- Temperature control interface
- Power supply and emergency shut-off
- Cooling output vents

5. Installation & Setup

- Place the device on a stable, level surface
- Ensure adequate ventilation around the unit
- Connect the power supply to a grounded outlet
- Inspect all cables and applicators before use
- Power on the device and allow system initialization



6. Operating Instructions

Pre-Treatment

- Clean and dry the treatment area
- Confirm client suitability and consent
- Select appropriate temperature and treatment duration

Treatment

- Apply the applicator to the target area
- Maintain continuous movement unless protocol specifies stationary use
- Monitor skin response throughout treatment
- Communicate with the client during the session

Post-Treatment

- Inspect treated area for redness or irritation
- Provide post-care instructions
- Document treatment parameters



7. Treatment Time Guidelines

- Typical session duration: 3–10 minutes per area
- Allow sufficient skin recovery time between treatments
- Always follow professional best practices and training protocols

8. Cleaning & Maintenance

After Each Use

- Power off and unplug the device
- Disinfect applicator using approved medical-grade disinfectant
- Do not immerse electrical components in liquid

Routine Maintenance

- Inspect cords and applicators weekly
- Keep vents free of dust and debris
- Schedule annual servicing if required

9. Storage

- Store in a clean, dry environment
- Temperature range: 10°C – 30°C
- Avoid direct sunlight and moisture

10. Troubleshooting

Issue	Possible Cause	Solution
Device not powering on	Power supply issue	Check outlet and cable
	Insufficient cooling	Blocked vents
		Clear ventilation
Error display	System fault	Restart device or contact distributor



11. Safety Compliance

- Health Canada Medical Device Licence: 111471
- Class II Medical Device
- Complies with applicable Canadian medical device regulations

12. Manufacturer / Distributor Information

MedSkin Distribution

For technical support, servicing, or reporting adverse events, contact MedSkin Distribution directly.

13. Disclaimer

This manual is intended for trained professionals only. Improper use may result in injury. Always follow applicable provincial regulations and professional scope of practice.

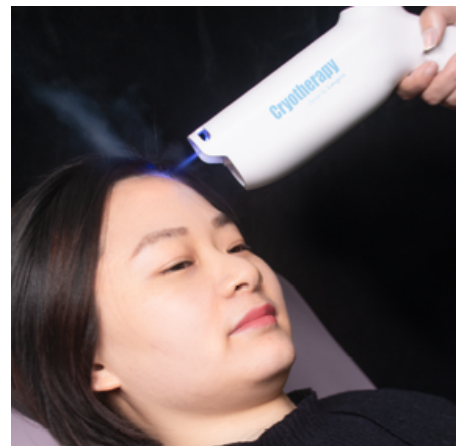
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