



COOLING THERAPY

with Compression Options

Pro 1 (2000-2)
INSTRUCTION MANUAL



GENERAL DESCRIPTION

The Cooling Therapy is a portable device that circulates temperature controlled chilled fluids to treat and alleviate local discomfort and injuries.

The temperature can be individually adjusted from 38°F - 59°F (3°C-15°C) Highly efficient refrigeration compressor with electronically controlled sensors maintain the set temperatures at a constant level.

STANDARD PACKAGE INCLUDES:

- Main Unit
- 1 Power Cord
- 1 Hose



Read the operating instruction carefully before use.

Failure to follow these instructions may cause severe injuries

INDICATIONS

- Intended users: Healthcare professionals
- Intended purpose: Superficial cold with or without compression
- Intended patient population: Adults
- Duration: Cold therapy 5 to 60 minutes
- Part of the body: face, shoulder, hip, knee, ankle, elbow, back (lumbar)
- Use environment: rehabilitation facilities, outpatient clinics, athletic training settings

CONTRAINDICATIONS

SUPERFICIAL COLD IS CONTRAINDICATED ON:

- Significant vascular impairment
- Current clinical signs of significant peripheral edema (e.g., deep vein thrombosis, chronic venous insufficiency, acute compartment syndrome)
- Raynaud's disease
- Local ischemia
- Cold urticaria
- Paroxysmal cold hemoglobinuria, cryoglobulinemia
- Active inflammatory phlebitis, venous ulcers, or cellulitis
- Active clinical signs of embolism

COMPRESSION IS CONTRAINDICATED ON:

- Open Wound
- Poor Circulation

WARNINGS

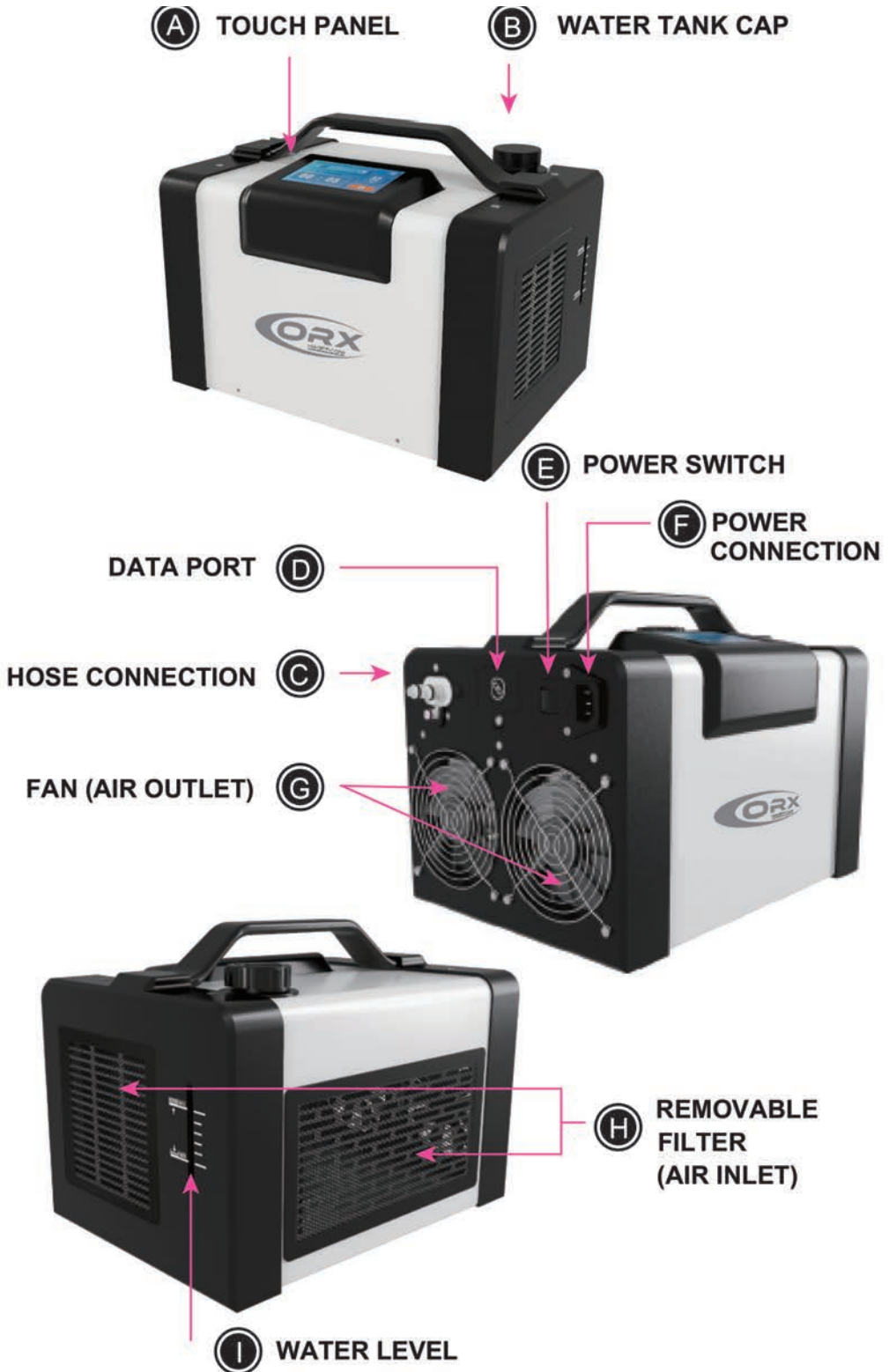
Failure to follow may cause possible injuries to persons or damage to product.

- Use only under the treatment recommendation of a Healthcare Professional for the area, temperature, duration, frequency and compression to prevent injuries.
- Improper or prolonged use could result in tissue damage.
- DO NOT use on unconscious patients.
- DO NOT use on areas with sensory deficits.
- DO NOT use on individuals with circulatory problems, unless managed by a healthcare professional.
- Check the skin of the treated region frequently during the course of the treatment.
- A layer of clothing between wrap and skin is recommended for all patients.
- Device not intended for use with numbing agents.
- Wraps are NOT sterile.
- Use wraps only for its intended body parts.
- Device is not intended for use in a sterile environment.
- Use only distilled water and provided glycol to fill the device.
- DO NOT let water flow into areas of the device other than the water tank.
- Fill water tank with distilled water and provided glycol per instructions before supplying power to the device.
- DO NOT use the device with damaged power cords or hoses connector, or other mechanical damage.
- This device must only be connected to a supply mains with protective earth.
- Use only the power cord supplied by the manufacturer.
- DO NOT use Y hose if only one wrap is needed, instead use the linear hose.
- DO NOT use other manufacturer's wraps.
- DO NOT use compression function when treating with facial wraps.
- DO NOT obstruct the vents of the device while using.
- Always check wraps for leakages before use.
- Temperatures will vary according to the room temperature and wrap sizes.
- No modification of this equipment is allowed.
- Device can only be serviced by qualified technicians only.
- DO NOT drop, kick or otherwise abuse the device.
- DO NOT turn and place the device on its sides.
- DO NOT trip over the power cord and hoses.
- Perform routine cleaning.
- Store in a cool dry place.
- Ensure that the device is disposed of safely and in accordance with all current national and international waste disposal directives.

NOTE:

- Some national laws restricts this device to sale by or on the order of a physician.
- The user/patient should report any serious incident relating to the device to the manufacturer and competent authority of its Member State.

OVERVIEW



INSTRUCTIONS FOR USE



1. Place the device on a stable surface and ensure that the power is OFF.



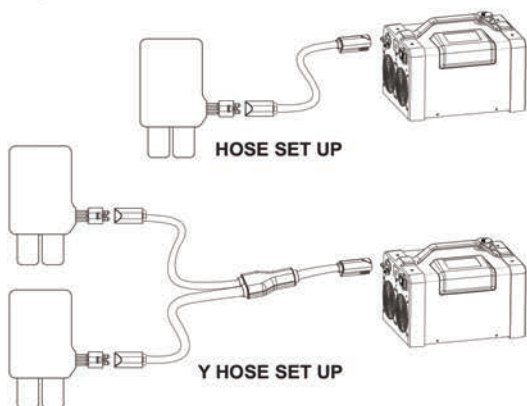
2. Plug in the power cord.



3. Plug the hose to the device.



4. Connect the selected wrap to the distal end of the hose.



The device can connect one wrap or up to two wraps to receive therapy simultaneously, for single patient with two wraps or two patient therapy.

When treating two patients at the same time, the therapy temperatures will be the same for both patients.

⚠ CAUTION

- DO NOT use Y hose if only one wrap is needed, use the normal hose instead.
- DO NOT use compression function when treating with facial wraps.



5. Open the water tank cap.



6. Pour DISTILLED WATER into to the tank slowly.



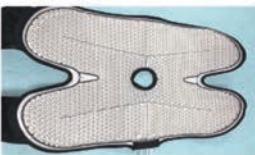
7. Pay careful attention to the water level. DO NOT exceed the MAX mark.



8. Close the water tank cap.
NOTE: Wipe all pread-out water immediately to prevent leaking into the device.



9. Power ON the device.



NOTE:
For first time use wraps, lay the wrap flat and run the device to let water fill in. Check again the water level, make sure it's between MIN and MAX.



10. Put the selected wrap on the treatment area.



11. Adjust it as necessary with the fasteners.



12. Find a comfortable posture for the treatment.

TREATMENT SETTING

Temperature Setting

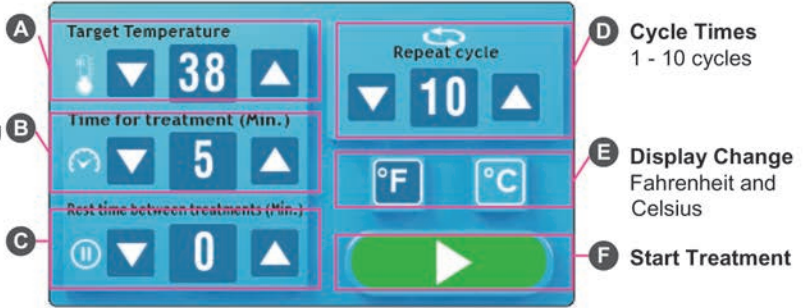
38°F - 59°F
3°C - 15°C

Treatment Time Setting

5 - 300 minutes

Resting Time Setting

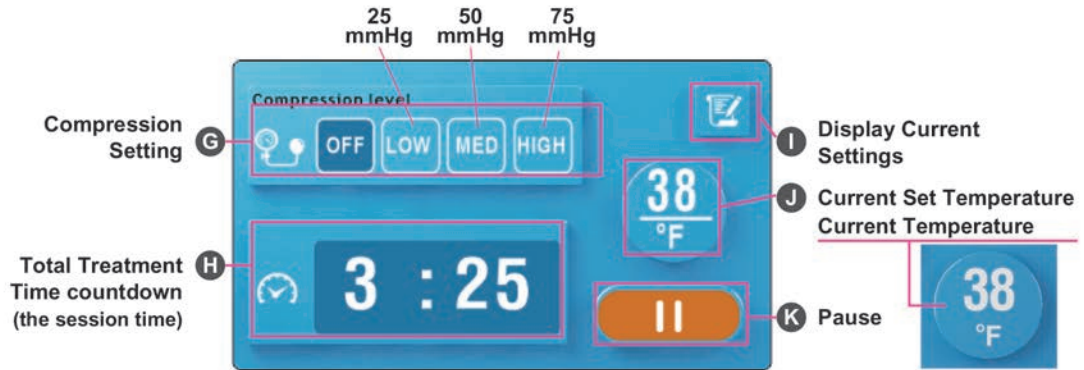
0 - 60 minutes



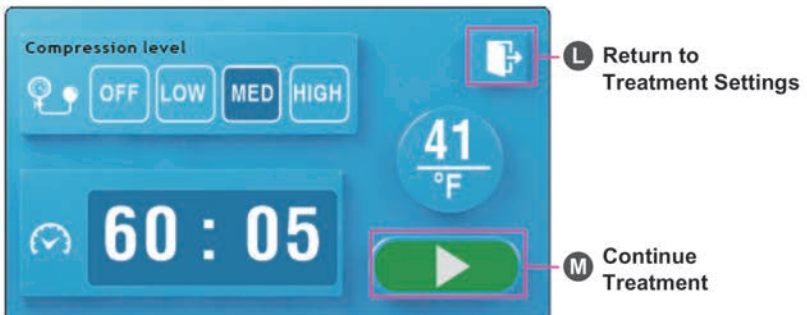
1. Set the treatment temperature **A** by pressing the UP or Down arrow.
2. Set the treatment time **B** by pressing the UP or Down arrow.
3. Set the resting time **C** by pressing the UP or Down arrow.
4. Set the cycle times **D** by pressing the UP or Down arrow.
5. Press the green start button **F** to start treatment.

NOTE:

* Swap the display between Fahrenheit or Celsius. **E**



6. Once started the treatment, will show up the remaining total treatment time **H**
7. The default compression setting is on OFF and can be changed to LOW, MEDIUM, or HIGH **G**
8. To check the current treatment Temperature and Time settings, press the icon on the upper right corner **I**
9. Temperature on the right **J** shows current set temperature (with a white bar beneath) or current water temperature (without a white bar beneath). Press for 5 seconds to change between both displays.
10. To pause the treatment, press the orange pause button **K**

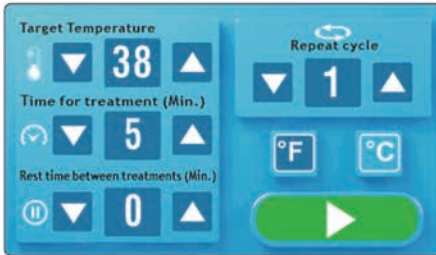


11. Once paused the treatment, can return to change the treatment settings **L**
12. To continue the treatment, press the green start button **M**.

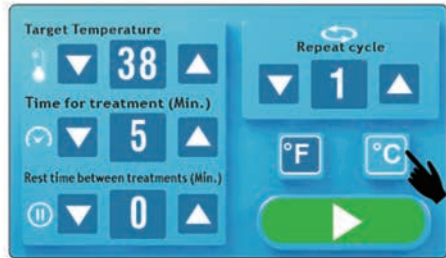
SETTING EXAMPLE

EXAMPLE: 30 minutes Superficial Cold at 41°F (5°C) and rest for 10 minutes.
Run a total of 2 cycles with Medium level compression.

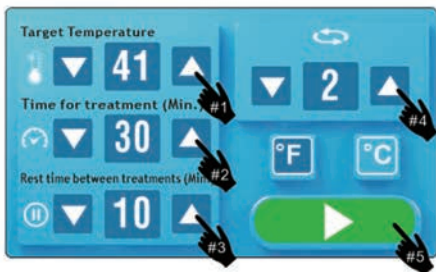
HOME PAGE



°C / °F CHANGE



Press to change between Fahrenheit and Celsius.



Temperature setting:

#1 Press the UP arrow until reaching 41°F (5°C).

Times setting:

#2 Press the UP arrow until reaching 30 minutes for treatment.

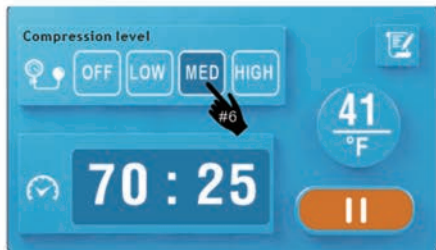
#3 Press the UP arrow until reaching 10 minutes for resting.

Set up cycles:

#4 Press the UP arrow until reaching 2 cycles.

Start treatment:

#5 Press the green start button to start treatment.



Set up compression:

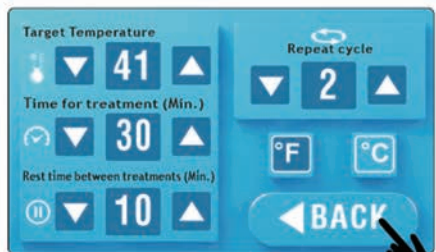
#6 Choose [MED] level compression.

NOTE: compression can only be set once the treatment has started.



Review set values:

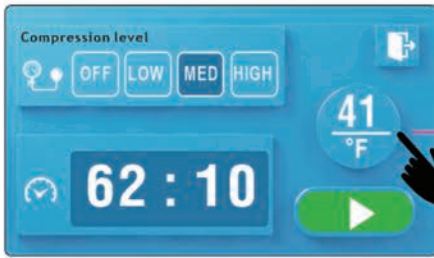
Press upper right corner icon.



Return to treatment session:

Press [BACK] button.

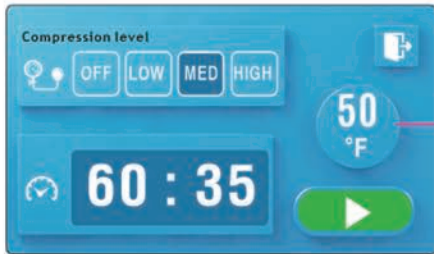
SETTING EXAMPLE



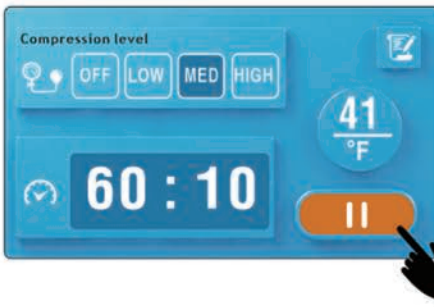
Change temperature display:

Press and hold temperature display for 5 seconds.

Current set temperature (with a white bar beneath)

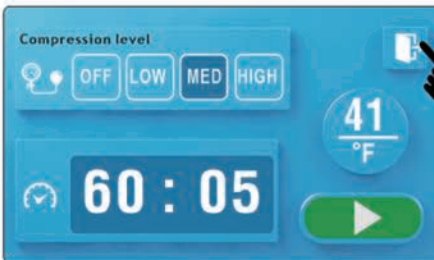


Current water temperature (without a white bar beneath)

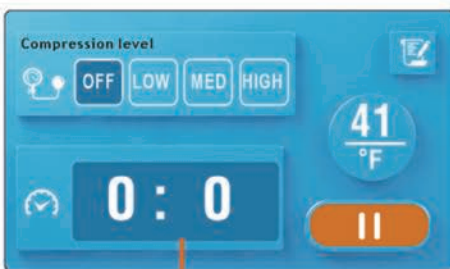


Modify treatment settings:

Press orange "pause" button to stop / pause current session.




Press upper right corner "exit" button to return to setting page.



Total treatment time count down will show "0 : 0" once finalized.

TIME UP

TROUBLESHOOTING

MESSAGE	MEANING	SOLUTION
 WARNING Temperature sensor error. Please restart the device. If the alarm persists, please call customer service for assistance.   	Temperature sensor error detecting.	Restart the device. If the problem persists, contact customer service for further assis- tance.
 WARNING Air compression error. Please restart the device. If the alarm persists, please call customer service for assistance.   	Air compression error detecting.	Restart the device. If the problem persists, contact customer service for further assistance.
 WARNING Low liquid level. Please refill the liquid.   	Water level too low.	Refill the water tank with DISTILLED WATER. Make sure not to exceed MAX level.
 WARNING Water flow error. Please check if all the connections of the hose and wrap are properly attached.   	Water flow error.	Check if all connections of the device, hose, and wrap are properly attached.

CLEANING

The life expectancy of the main unit can range from 3 to 5 years, depending on the cleaning and maintenance.

⚠ ALWAYS power off the device and unplug the power cord from the outlet before cleaning.

⚠ DO NOT wash the device or hold under running water.

- The device and wraps can be cleaned with neutral disinfectant wipes.
- Remove the filters and wash them with water. Make sure to dry it thoroughly before installing it back.



Removable Filters are fixed to the device with flexible magnet.

SPECIFICATION

- **Temperature setting:**
38° F - 59° F (3 °C -15 °C)
- **Treatment time setting:**
A: 5 - 300 minutes
- **Resting time setting:**
0 - 60 minutes
- **Compression setting:**
OFF
Low (25 mmHg)
Medium (50 mmHg)
High (75 mmHg)
- **Voltage:** 100-240V~ 50/60Hz 300VA
- **Water tank capacity:** 800ml
- **Dimensions:**
377 (W) x 258 (D) x 275 (H) mm
- **Weight:** 11.5 kgs (Empty)
- **Hose:** 2 Meters

OPERATING ENVIRONMENT

- Temperature: 10°C - 26°C
- Relative humidity: 15% - 85%RH maximum
- Atmospheric pressure : 80kPa

TRANSPORTATION AND STORAGE

- Temperature: 5°C - 55°C
- Relative humidity: 15% - 75%RH maximum
- Atmospheric pressure : 80kPa

DISPOSAL

Please dispose of the device in accordance with the EC Directive —WEEE (Waste Electrical and Electronic Equipment).

Please contact the local authorities responsible for waste disposal if questions arise.



ALWAYS use the original power supply as specified by the Manufacturer
Do not use without Protective Earth

ACCESSORIES

REPLACEMENT PARTS



Linear Hose



Y Hose



Firm Roller
Travel Case















Soft Roller Case



TPC-100	Upper Face Wrap
TPC-110	Lower Face Wrap
TPC-130	Knee Wrap
TPC-140	Ankle Wrap
TPC-150	Small Universal Wrap
TPC-160	Hip Wrap
TPC-170	Left Shoulder Wrap
TPC-180	Right Shoulder Wrap
TPC-200	Large Universal Wrap
TPC-005	Linear Hose
TPC-006	Y-Hose
TPC-010	Firm Roller Travel Case
TPC-011	Soft Roller Case

LABELING SYMBOLS

-  Refer to instruction manual/booklet
-  General warning sign / Caution
-  Manufacturer
-  Type BF applied part
-  Catalog number
-  Batch code
-  Serial number
-  Alternating current
-  Date of manufacture
-  Protective earth(ground)
-  European Union WEEE Directive Logo
-  Complies with EU directives



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