

# Hot-cold therapy.

# The system for continuous heat and cold.



WaCOO hot-cold therapy ensures easy, continuous cooling (12 °C) and heat (45 °C).

WaCOO can be used in the fields of sports medicine, orthopaedics, traumatology, plastic surgery, rehabilitation, and physiotherapy.

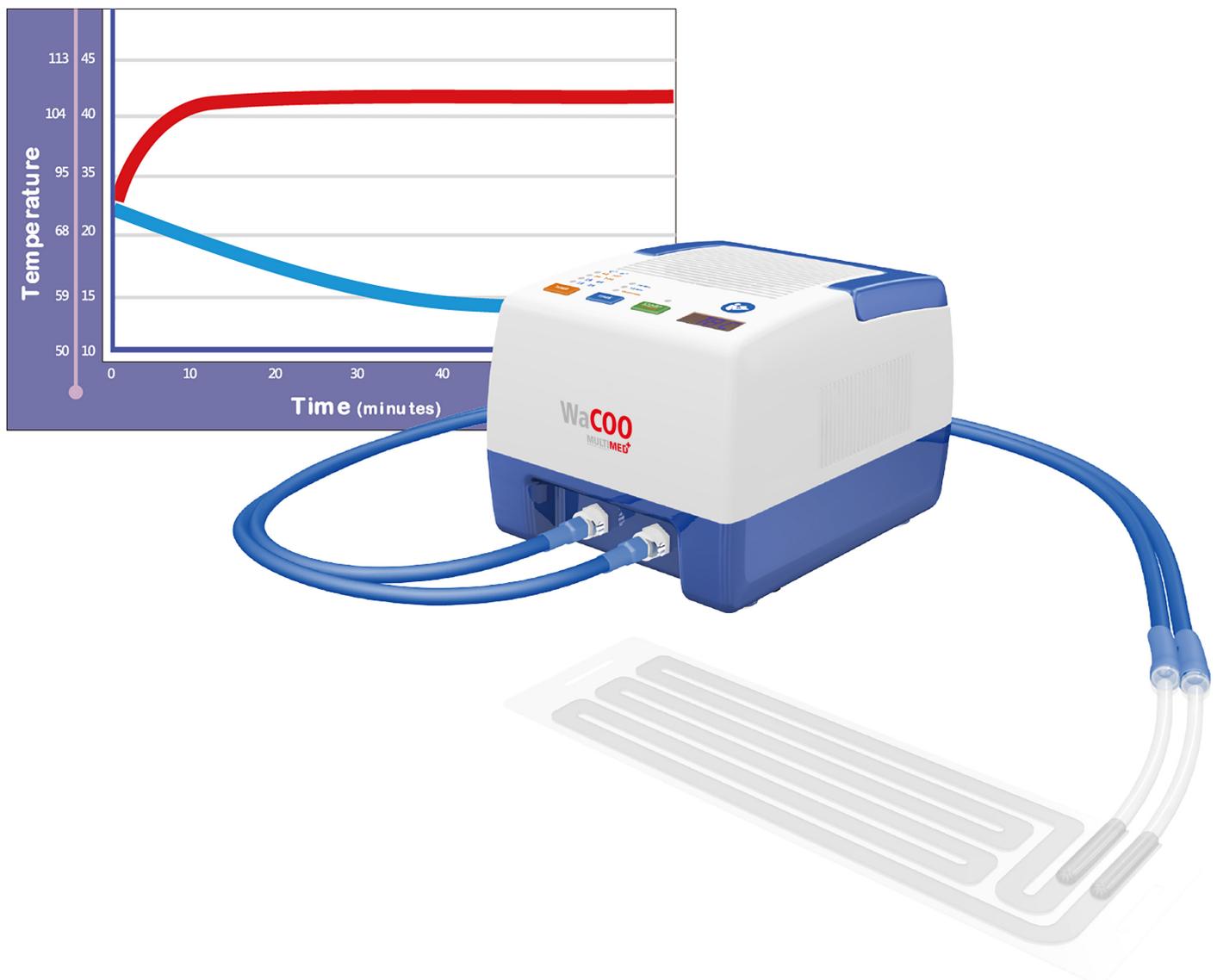


Figure 1: Continuous cold and heat curve

## HOW IT WORKS

WaCOO is a revolutionary, highly efficient therapy device for pain reduction. WaCOO is an ice-free system. An advanced thermoelectric cooling chip system is used with the following therapeutic effects:

Increases/Reduces

- the blood circulation
- the nerve conduction velocity
- the local metabolism
- the tissue elasticity

All WaCOO pads are pre-shaped for different body parts and are made of thermoplastic (latex-free polyurethane). To ensure a good fit, they are fixed with elastic straps.

## ADVANTAGES

- Lightweight design increases mobility
- Compact unit size
- Easy operation (3 steps)
- Continuous temperature
- Longer applicability
- Disposable pads for different body parts
- Cost-efficient
- Hygienic
- Ice-free

## TECHNICAL SPECIFICATIONS

- (12 °C /18 °C) -  
2-level setting for cooling
- (38 °C /42 °C) -  
2-level setting for heat
- 3-level time setting:  
Continuous /15 min. /30 min.
- Thermoelectric cooling chip system
- Freon-free coolant and compressor
- Power connection required

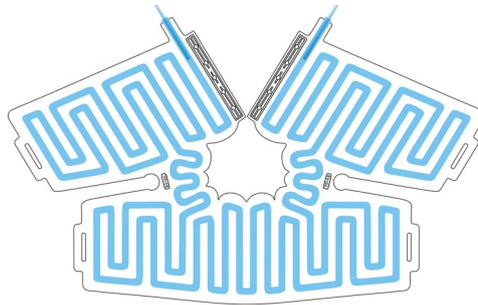


Figure 2: Knee pad

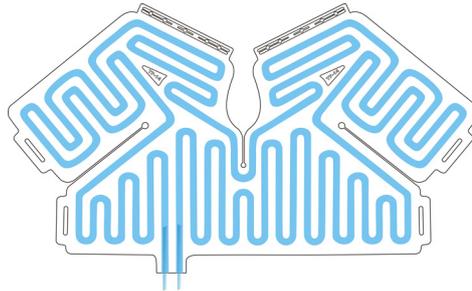


Figure 3: Ankle pad



Figure 4: Round pad

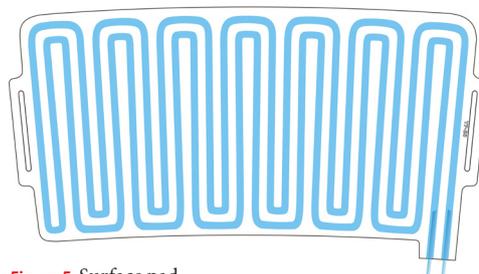


Figure 5: Surface pad

## APPLICATION

### GENERAL

- Fever
- Pain management
- Swelling, oedema, haematoma resolution

### SPORTS MEDICINE

- Pain management
- Injuries due to overload
- Acute injuries of the soft tissue
- Joint pain
- Sprain
- Head injury
- Muscle pain

### PHYSIOTHERAPY/ REHABILITATION

- Musculoskeletal pain management
- Arthritis, joint stiffness, reduced range of motion
- Interventional physiatry
- Rehabilitation after surgery
- Rheumatological rehabilitation
- Neuromuscular rehabilitation

### ORTHOOPAEDICS/ TRAUMATOLOGY AFTERCARE

- Arthroplasty
- Reconstruction of the anterior cruciate ligament
- Hip joint replacement
- Dislocations
- Open reduction and internal stabilisation

### PLASTIC SURGERY/ AESTHETIC MEDICINE

- Reconstructive surgery (breast)
- Cosmetic surgery



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