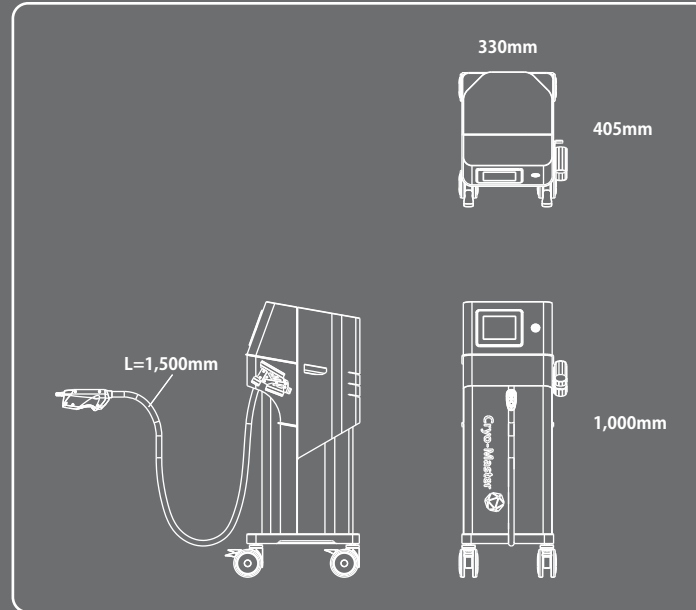


Cryo-Master

- Cryo material: Carbon Dioxide (CO₂)
- Cryotherapy temperature: -78°C (Minimum)
- Cryo gas making time: in 3 seconds
- Pointcare treatment
- Cooling ability: below 4°C in 2 seconds
- Working time: about 96 minutes (at 12kg charge in 20L cylinder)
- Cryo gas shape: fog type
- Skin temperature measurement (non-contact Infrared sensor, <10° angle, >10Hz)
- Treatment distance/area guiding LED
- Anti-frostbite alarm: beep sound and LED blinking
- Thermal-shock temperature setting
- Residual gas quantity indication
- 10L, 20L cylinder selection function
- Cylinder exchange counting function
- Treatment time setting function
- Treatment time progress bar indication
- Weight: about 30kg (excluding CO₂ cylinders)
- Dimension: 330 x 405 x 1,000mm (device) 1,500mm (hose length)
- Power consumption: 13.2VA at waiting, 26.4VA at treatment
- AC 220V/60Hz



Medical Cryotherapy Equipment for Pain Control & Post Surgery Care



Cryo-Master



QR code



 MESH

Manufacturer

MESH Co., Ltd.
www.Cryo-Master.com

ANALGESIC | ANTI-INFLAMMATORY | VASOMOTOR REFLEX | MUSCLE RELAXATION



“Cryo-Master is the world-best
CO₂ -type cryotherapy device.”



INDICATIONS

Pain Disease

- CRPS
- Plantar fasciitis
- Multiple sclerosis
- General chronic pain

Traumatology, Sports Medicine

- Pain, Edema, Hematoma
- Tennis/golf elbow
- Acute dislocation & distortion
- Muscle & cartilage rupture

Physical & Rehabilitation Therapy

- Reconstruction of ROM
- Muscle relaxation
- Stress/fatigue fracture

Post-surgery Care

- Undergoing microsurgery
- Orthopedic surgery
- Maxillo-facial and plastic surgery
- Cancer surgery: helps soften the appearance of scars
- Vascular surgery

Rheumatology

- Chronic inflammatory rheumatology
- Abarticular rheumatology
: tendinitis, bursitis, tenosynovitis, periostitis
- Degenerative rheumatology
- Hemophilia: treatment for the hematoma

- Both of acute and chronic pain control
- Anti-frostbite cold-steam cure (safe)
- Very simple treatment method
- Very short proceeding time
(30 seconds~2 minutes)
- Recovery reaction instantly
- Repeat treatment available
- No any scars after treatment

Cryotherapy (only for CO₂-type device)

NEUROCRYOSTIMULATION is a technique that applies a stream whose ejection pressure is greater than 1 bar. The stream expels the gas in the form of microcrystals of carbon dioxide snow at -78°C in a solid form. The pressure is at a minimum of 50 bars when it comes out the nozzle and undergoes a loss in charge, down to 2.2 bars on contact with the skin. This technique acts using both convection and sublimations.

This sonic stage creates a reaction on the skin combining extremely low temperature (-78°C), to a cooling effect generated by the pressure of the gas (50 bars at 15°C) and a shock wave of 400Hz when the microcrystals are expelled in sonic stage in the ejection cone created by the stream.

※ Microcrystal: dry-ice particle

The scouring power from the micro crystals (25 KJ/mole of carbon dioxide), in association with the quickly dropping temperature and the 400Hz vibration created by the sonic stream, gives way for a very intense reaction.

(THERMAL SHOCK)

In order to set off a central neurological response the thermal shock must be attained in a few seconds time (in 4~5 seconds). Only when these conditions are put together can we achieve a state of thermal shock.

Cryo-Master

- The 1st CO₂-type cryotherapy device
- Pointcare treatment
- Below 4°C in 2 seconds
- Foggy cryo gas treatment
- Exact treatment distance/area guide by blue LED
- Anti-frostbite alarm: beep sound and LED blinking
- Touch screen controls

- Analgesic effect
- Anti-inflammation
- Vasomotor reflex
- Muscle relaxation

