

The **GIOCO CRYO-1** system has been designed to simplify the treatment of sports injuries such as sprains, strains, bruises and post-operative recovery. The **GIOCO CRYO-1** system automates the previously manual application of cold compression by periodically exchanging the chilled water in the cuff.



- **RAPID DEEP TISSUE HEALING**
- **REDUCED PAIN AND SWELLING**
- **AIRCAST COMPATIBLE**
- **AUTOMATIC OR MANUAL MODES**
- **PORTABLE / BATTERY POWERED**
- **SIMPLE TO USE**



## THERAPIES:



### CRYOTHERAPY (COLD COMPRESSION)

The benefits of this therapy have been well documented over many years in the treatment of sports injuries. If used immediately after an injury is sustained the following benefits have been shown

- Reduction in pain
- Reduction in muscle spasms
- Reduction in tissue damage by reducing the metabolism
- Reduction in swelling by limiting secondary hypoxic injury

### INTERMITTENT COMPRESSION

Because Cryotherapy alone is ineffective in preventing the swelling caused by sports injuries or orthopaedic surgery, GIOCO CRYO-2 integrates intermittent compression technology as well. The benefits are listed below

- Helps limit initial swelling
- Continues to reduce swelling by forcing fluids into the lymphatic system, which in turn lowers the pressure on the limb and promotes fluid reabsorption.
- Helps in the restoration of an oxygenated blood flow to increase healing.



## HOW DOES IT WORK?

The **GIOCO CRYO-1** and **CRYO-2** systems consist of a selection of wrap round cold compression cuffs and a microprocessor controlled pump unit.

The **CRYO-1** Pump unit is filled with ice and water and the single tube is attached to the cuff. To fill the cuff with cold water raise it above the level of the cuff and place it on a surface. If switched to Auto mode the system will refresh the chilled water in the cuff every 3 minutes. This ensures that the limb receives a constant cooling effect.

The **CRYO-2** pump unit is filled with ice and water and the tubes are attached to the cuff using the purpose made quick release dual connector. As the system is battery powered you simply switch it on, whether on the field, in the bus or sitting at home. The limb is normally intermittently compressed with a 30 second cycle (10 seconds compression, 20 seconds relaxation). If desired the pump unit can be set to offer continuous cold compression.



Both the **CRYO-1** and **CRYO-2** systems offer an extremely effective way to treat the majority of sports related injuries, including sprains, strains and bruising. It can also be used the speed up recovery following orthopaedic surgery.

**CRYO-2**

The **GIOCO CRYO-2** system is a revolution in the treatment of sports injuries such as sprains, strains, bruises and post-operative recovery. The **GIOCO CRYO-2** system combines the best of two tried and tested technologies, **cold compression and intermittent compression**, to help simplify treatment of sports injuries whilst significantly decreasing the time needed for rehabilitation.

- RAPID DEEP TISSUE HEALING
- REDUCED PAIN AND SWELLING
- IMPROVED HEALING RATE
- ERGONOMIC CUFF DESIGN
- RECHARGEABLE BATTERIES
- SIMPLE TO USE



**CRYO CUFFS**

An extensive range of Cryo Cuffs have been ergonomically designed to offer both a high degree of comfort combined with a snug fit to ensure that the maximum energy transfer is obtained for every treatment session.

Particular attention has been paid to the cuff design to make sure that there are no hot spots formed on the limb as is common with regular cold packs.

The garments are manufactured from a specially formulated fabric to ensure long life and good thermal transfer which gives the ultimate treatment.

Ease of use is another virtue of the cuffs with both CRYO-1 and CRYO-2 systems using self sealing valved connectors which ensure the minimum of spillage. All cuffs can be easily fitted and removed by the patient with the integrated comfort strap system.



- EXTENSIVE CUFF RANGE FOR ALL LIMBS
- HIGH QUALITY FABRIC / LONG LIFE
- ERGONOMIC CUFF DESIGN
- REDUCTION OF HOT SPOTS
- DESIGNED FOR COMFORT
- SIMPLE TO FIT AND USE
- NON-DRIP CUFF CONNECTORS

**CRYO-1**



**CRYO-2**



Pump Unit .....	.4665GC0102
Cuff for Foot & Ankle .....	.4665GC01E1
Cuff for Calf .....	.4665GC01E2
Cuff for Knee .....	.4665GC01E3
Cuff for Thigh .....	.4665GC01E4
Cuff for Back / Hip / Rib .....	.4665GC01E5
Cuff for Shoulder .....	.4665GC01E6
Cuff for Elbow .....	.4665GC01E7
Cuff for Hand & Wrist .....	.4665GC01E8

**Notes:** Cryo-1 pump unit uses 'AA' type batteries to operate. These can be changed for rechargables if required.

Pump Unit .....	.4665GC0202
Cuff for Foot & Ankle .....	.4665GC02E1
Cuff for Calf .....	.4665GC02E2
Cuff for Knee .....	.4665GC02E3
Cuff for Thigh .....	.4665GC02E4
Cuff for Back / Hip / Rib .....	.4665GC02E5
Cuff for Shoulder .....	.4665GC02E6
Cuff for Elbow .....	.4665GC02E7
Cuff for Hand & Wrist .....	.4665GC02E8

**Notes:** Cryo-2 Pump supplied with universal battery charger 90-260v ac 50-60 Hz. (This allows it to be used anywhere in the world by changing the supplied plug type.)