

“it’s a New Creation”

EZrap Carbon Heater • Belt



EZrap Carbon Heater Belts, produced by a specialty medical device manufacturer Doctor Supply, are newly-developed, far infrared radiation-emitting, thermal energy belts that are made of 100% carbon nano-tube yarns, high-stretch spandex fabric, and other natural materials.

 The Excellent Company
Brand of Seoul

 Doctor Supply

EZrap Carbon Heater • Belt

EZrap Carbon Heater Belts, made of 100% carbon nano-tube yarns, eco-friendly materials, and natural cotton, will deliver the most natural and healthful thermal energy.

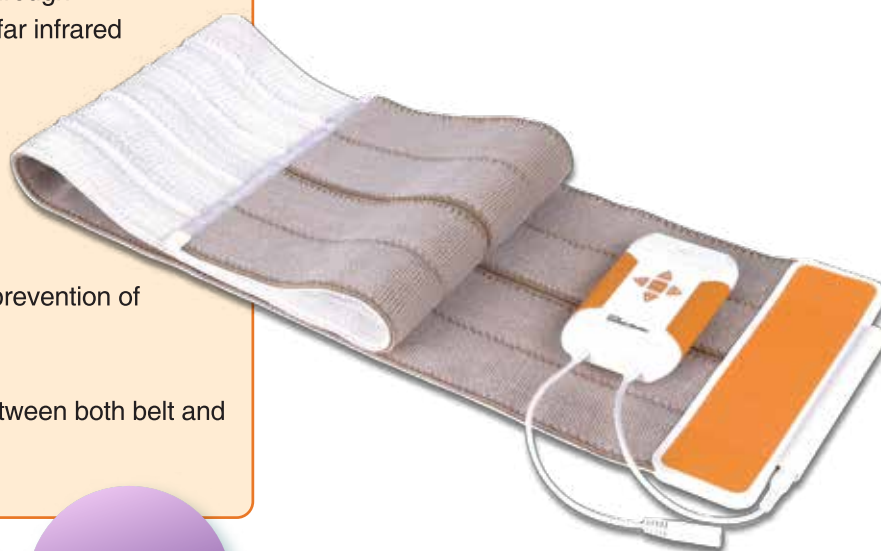
The EZrap Carbon Heater Belt is a back brace for special hyperthermia treatment produced by mixing the harmless nano-carbon fibers with high elastic fabrics for the first time in the industry.

Unlike the conventional products that produce a thermal effect on a specific region, EZrap Carbon Heater is designed to help a surgical patient with early ambulation and pain healing through a uniform and mild pressure to an entire wound and to multiply its original therapeutic effect of hyperthermia treatment by providing optimal thermal on a whole back brace.



Product Features

- ◆ Increase in deep body temperature through stimulation of the dermal layer using far infrared radiation.
- ◆ Generation of very comfortable and natural thermal energy
- ◆ 5-step heat regulation
- ◆ Powerful 5-step safety system
- ◆ 3-step timer (1Hr, 2Hr, 15Hr)
- ◆ Built-in auto overheating control (for prevention of low-temperature burns)
- ◆ Reduced static and no EM waves
- ◆ Shared use of the same controller between both belt and mat (excellent compatibility)



Healthful
thermal
energy

Cozy
thermal
energy

Rational
choice

"it's a New Creation"

Natural pulp inner side materials

- ◆ Excellent breathability by organic pure spandex fabric rayon of natural pulp
- ◆ Minimization of skin stimulation with application of natural pulp for sensitive skin

High Spandex Fabric

- ◆ Supply of optimum compressing function to a diseased part on account of highly elastic fabric application
- ◆ Guarantee of smooth sweat discharge and comfortable wearing through triple Velcro weaving
- ◆ Easy to use with a controller attached on the outside of belt

Functional handle

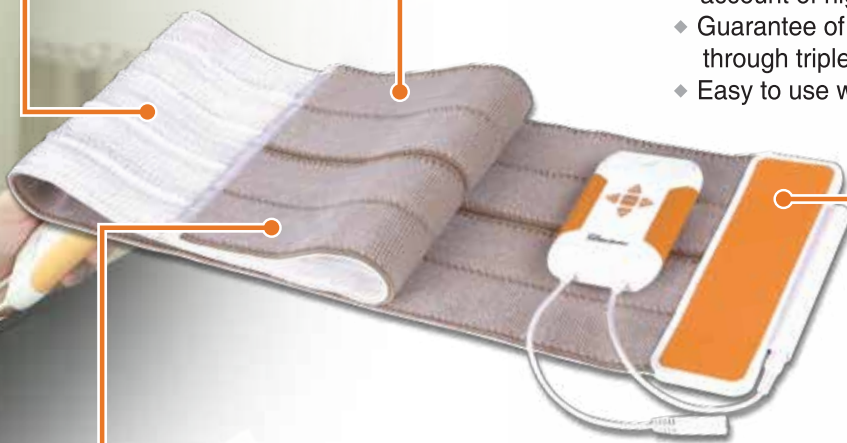
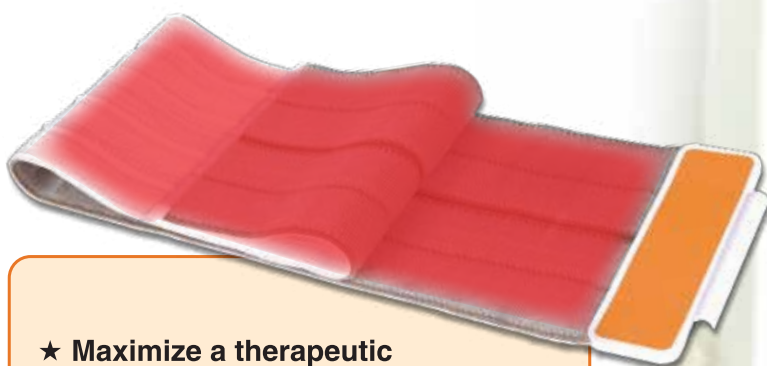
- ◆ Convenient wearing through ergonomic design
- ◆ Realization of outstanding grip touch
- ◆ Belt bearing power strengthening
- ◆ Built-in power supply connection inlet

Nano Carbon Yarn

- ◆ Thermo diffusion by 100% nano-carbon yarn without a hot wire
- ◆ Realization of outstanding internal body temperature rise with far-infrared radiation and dual heating system
- ◆ Realization of the depths temperature rise through the corium layer stimulation with far-infrared rays
- ◆ Uniform and stable thermo supply by S-character weaving

★ Maximize a therapeutic effect by providing a uniform far-infrared hyperthermia on the whole band!

(Heat generation by resonance = Dual composite energy)



EZrap Carbon Heater · Belt

The EZrap Carbon Heater Belt is very safe and easy-to-handle.



EZrap carbon heater belt does not have electric heating wire but is 100% made of carbon yarns, whose features ensures convenient use and storage in any place. The product does not have any problem whether it is folded or rolled to your desired shape. This product can be stored conveniently in a desired shape and place when it is unused for a long time.



Detachable Controller

This product has a detachable control; the controller and power cable can be separated from the body to provide convenient handling. Furthermore, even in the case of power shutdown, it can be replaced with a controller to be put in normal operation.



Product Dimension

SIZE	Dimension	Weight
S	20.5cm X 94cm	352g
M	20.5cm X 102cm	374g
L	20.5cm X 109cm	364g
XL	20.5cm X 117cm	418g



“it’s a New Creation”

EZrap Carbon Heater Belt gives top priority to safety from the development stage.

EZrap Carbon Heater heating belt puts the customer’s safety before anything else. Safety, the word that may be taken for granted but carries a special meaning, is what our EZrap Carbon Heater has strived for.



Acclaimed as the best patent



5-step safety system



No heating wire



Safe DC24V



Reduced EM waves/static electricity



Low power consumption

EZrap Carbon Heater Belt promises to present a feeling of coziness and comfort that goes beyond imagination and the most healthful warmth.

Our product is developed to deliver warm energy for your health. The determination to afford everyone the most natural and healthful thermal energy is also what our EZrap Carbon Heater has sought for.



100 carbon nano-tube



Emission of far infrared radiation



Eco-friendly materials



Functional handle



No heating wire



Rapid heating

EZrap Carbon Heater Belt is very easy to use, and it is reasonably designed.

Our product has many convenient features for everybody to make easy use. Compared with other expensive-for-their-features products, our product will be provided at a very reasonable price.



5-step temperature control



Automatic timer



Convenient storage



LED status panel



Ergonomic design



Hand-washable

EZrap Carbon Heater · Belt

EZrap Carbon Heater Belt is very safe and convenient-to-use.

Unlike common heating belts currently available in the market, our EZrap Carbon Heater belts adopt a dual heat-generation system that does not use electric heating wire but 100% carbon nano-tube yarns the first time in the industry. These belts have a 5-step safety system that prevents the temperature from going up beyond a maximum of 75°C, excluding the risk of suffering low-temperature burns.

Carbon Yarn

- ◆ Emission of far infrared radiation
- ◆ Excellent thermal conduction
- ◆ Uniform and cozy thermal energy
- ◆ Reduced electromagnetic waves
- ◆ Safety secured through the exclusion of heating wire

Natural Pulp

- ◆ Eco-friendly materials (pure cotton and rayon)
- ◆ Natural fabric unharmed to the body
- ◆ Minimized skin irritation for protection of sensitive skin

Spandex

- ◆ Provision of a feeling of comfortable wear
- ◆ Realization of even and uniform pressure across the belt
- ◆ Easy and convenient storage
- ◆ Easy wearability and ability to support affected areas.

Shared use of Controller



※ EZrap Carbon Heater Belt and mat use the same controller interchangeably. Those who desire to buy a heating mat after the purchase of a heating belt have only to buy a mat alone without the accompanying controller.

■ Efficacy of hyperthermia therapy

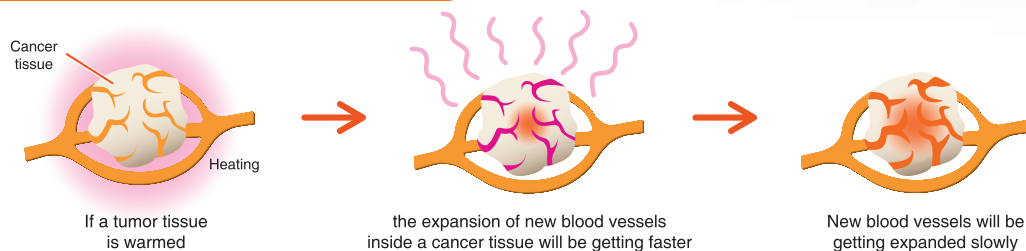
- ◆ Effective substitute to reduce chronic pain (lumbago, menstrual pain, neuralgia. etc)
- ◆ Muscular pain alleviation against chronic muscular disease
- ◆ Damaged muscle recovery through improvement of blood circulation
- ◆ Muscular function recovery as a preparatory stage prior to exercise

■ Verified hyperthermia effect of an anti-cancer therapy

- ◆ Promoting blood circulation by expanding the capillaries
- ◆ Generation of anti-bacterial cell
- ◆ Strengthening the body immune activity
- ◆ Helping the oxygen concentration (pH) to increase through vasodilation and making in-vivo tumor inhibited through smooth blood circulation.



Application of Hyperthermia Therapy



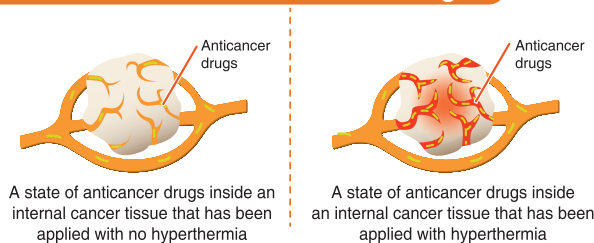
Decline of a body temperature by 1°C

A reduction of 30% in immunity ↓

Increase of a body temperature by 1°C

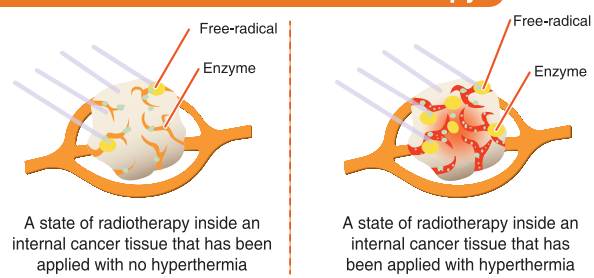
4 to 5 times of increase in immunity ↑

In combination with anticancer drugs



- ◆ Tumor tissues have less heat flow in blood and respond sensitively against heat than normal cells
- ◆ vasodilatation and an increase in blood
→ helping in the treatment of cancer due to an increased effect of anti-cancer agents

In combination with radiation therapy



- ◆ Making the tissues getting warmer will increase blood inside cancer tissues, heighten a level of enzyme, and elevate a radiation sensitivity
- ◆ An increased concentration of the enzyme on a site where radiation reaches will make a high generation possibility of superoxide dismutase (SOD), thus realizing a good therapeutic effect.

EZrap Carbon Heater · Belt

EZrap Carbon Heater Belts come in various controllers for your rational choice. You have the option of selecting one from 3 types of controller in consideration of your usage environment.

Type A Controller



- ◆ 5-stage temperature control
- ◆ 3-stage time selection
- ◆ LED status display
- ◆ Memory of the previous step in case of re-operation
- ◆ Urethane grip mounted

Type B Controller



- ◆ Dial-type temperature controller
- ◆ Belt tightening by Velcro tape

Large-sized battery (Option)

- ◆ Large-sized lithium ion battery
- ◆ Lamp of battery remainder confirmation
- ◆ Manual temperature control function
- ◆ Power supply on/off function
- ◆ Attachable to the Velcro belt



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