

NARNUP OUR DAY

ENGLISH **2015/16**

WARM UP YOUR ENTIRE BODY

Therm-ic's main focus is on the well-being and safety of the entire body. Especially when participating in outdoor winter activities, extreme cold and extreme weather conditions can cause severe discomfort. In the worst case, these extreme circumstances may lead to injuries, frostbites, or cold-related diseases. Our mission is to develop technologies for portable and easy-to-handle heating systems in order to protect the entire body.

Our product range includes heatable gloves, and soles, as well as drying and refreshing systems for the daily shoe care. Thus, the inventor of heating systems for ski boots has now become the specialist for keeping winter sports enthusiasts warm.

HANDWARMING SYSTEMS POWERGLOVES

The heatable Therm-ic PowerGloves consistently maintain the warmth for up to 10 hours, even in subzero temperatures. The optimally adjustable interior temperature prevents cold hands and stiff fingers.

FOOTWARMING SYSTEMS THERMICSOLES

Warmth and good blood circulation are crucial for outdoor activities. Therm-ic ensures warm feet and thus also provides comfort for the entire body. Heat technologies for warm feet from Therm-ic are easy to handle, small and lightweight.

FOOTWARMING SYSTEMS POWERSOCKS

Thanks to high-tech materials and maximum functionality guaranteed by X-SOCKS® Technology, Therm-ic PowerSocks ensure optimum heat distribution and comfortable warmth all the way to the tips of your toes.

HYGIENE SYSTEMS THERM-IC CARE

The Therm-ic Care Systems will take over after you have finished exercising. The hygiene equipment stops the growth of bacteria and pathogens and provides an optimal shoe climate. Ski boots and athletic shoes are dry, refreshed and ready for re-use in a matter of hours.

SMART SYSTEMS POWERBANKS

Therm-ic PowerBanks are the most convenient way to keep your fingers warm during all winter outdoor activities. But not just that, they also charge your mobile devices and the 3in1 even comes with a powerful flashlight.

HAND WARMING SYSTEMS

WARM UP YOUR HANDS

In order to perceive differences in temperature, there are several hundred thousand cold and heat receptors located in the human skin. However, the number of cold receptors clearly exceeds the number of heat receptors. For example, there are 15 times as many cold receptors on the back of the hand. This explains why above all the extremities are particularly sensitive to cold: fingers freeze easily and as a result, every move hurts.

Our Therm-ic Hand Warming Systems know exactly how to protect you against stiff, frozen fingers. Thanks to their smart interior, Therm-ic PowerGloves release heat from the fingertips and constantly provide your hands with warmth for up to 10 hours even in the freezing cold. The mobility of your fingers is not limited and your grip remains firm.

- + Top-quality materials including leather and PRIMALOFT™ insulation technology
- + Ultralight and imperceptible lithium-ion batteries providing warmth for up to 10 hours
- + Impulse Control stimulates blood circulation in fingers



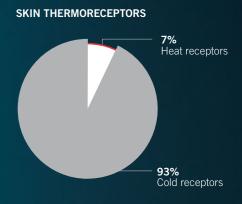


IC 1300 MEN

ART. NO. **SIZE** S: 8,0; M: 8,5; L: 9,0; XL: 9,5; XXL: 10,0 COLOR BLACK

IC 1300 LADIES

ART. NO. **SIZE** S: 7,0; M: 7,5; L: 8,0 COLOR



- + Breathable and waterproof DRYZONE[™] membrane
- + Waterproof zippers, drawstring closure, flexible wristband
- + Windshield wipers with soft surface for ski goggles
- + Safety cord





POWERGLOVE IC 1300 MITTENS UNI

ART. NO. 01 0229 009

SIZE XS: 7,5; S: 8,0; M: 8,5; L: 9,0; XL: 9,5; XXL: 10,0

COLOR BLACK

FOOT WARMING SYSTEMS

WARM UP YOUR FEET

In cold weather, our bodies withdraw the heat from the extremities first to protect the vital organs located in the center of the body. This already reduces performance by 18 % at a muscle temperature of about 32° C/93.2° F. At even lower temperatures, performance may be reduced by up to 50 %, simultaneously increasing the risk of injury due to less tension in the fibers of a muscle.

Our Therm-ic Foot Warming Systems with impulse control continuously release heat from the tips of your toes. This type of heat supply increases the mobility and performance of the foot muscles and thus provides more safety.





PERFORM

- High-quality insole material ensures the perfect temperature for your feet

ART. NO.

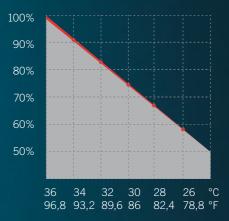
SIZE SIZE XS (35-36), S (37-38), M (39-41), L (42-43), XL (44-45), XXL (46-48)

TRIMFIT

- + Self-adhesive, high-quality Cambrelle® cover for the

ART. NO.









CLASSIC

- Extremely flat and can easily be cut to the required shoe size
- High-quality insole material ensures ideal foot climate

KIDS

- + Extremely flat and can easily be cut to the required shoe size

ART. NO.

ART. NO.

SMARTPACKS

- + Suitable for use with all ThermicSoles and shoes with Therm-ic Inside
- + Ultralight lithium-ion batteries
- + 3 heat levels, adjustable via control panel

- + Impulse Control stimulates blood circulation
- Globally applicable charger with charging display and country specific plug
- + Extremely short charging time



SMARTPACK RC 1600

guarantees energy for up to 29 hours. You can regulate the temperature with a remote control.

ART. NO. 01 0120 013 (EU, US, UK, AUS)



SMARTPACK RC 1200

This SmartPack is also equippe with a remote control and suita for intensive usage: it keeps you warm for up to 22 hours.

> ART. NO. 01 0160 008 (UK) 01 0110 009 (EU, US)



SMARTPACK IC 1200

The favorite: the SmartPack IC 1200 is the preferred choice of thousands of winter sports enthusiasts.

ART. NO. 01 0160 009 (UK) 01 0110 010 (EU, US)

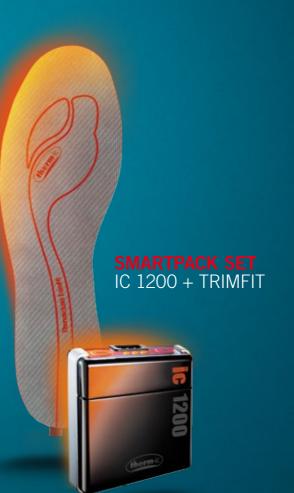


SMARTPAC IC 950

Our affordable SmartPack for beginners supplies energy for up to 18 hours.

ART. NO. 01 0150 004 (EU) 01 0140 003 (US) 01 0160 003 (UK)

THERMICSOLE SETS



	IC 1200	IC
+ OO TRIMFIT	01 0150 013 (EU) 01 0140 013 (US) 01 0160 013 (UK)	01 0 01 0 01 0
	01 0150 012 (EU) 01 0140 012 (US) 01 0160 012 (UK)	01 0 01 0 01 0

	MAX	В
+ OO TRIMFIT	02 0150 003 (EU) 02 0160 003 (UK)	
+ ()) CLASSIC	02 0150 001 (EU) 02 0140 001 (US) 02 0160 001 (UK)	01
+ OO KIDS		

POWERPACKS



POWERPACI MAX

This PowerPack is powered by well proven Ni-MH batteries and provides warmth for up to 14 hours.

ART. NO. 02 0150 002 (EU) 02 0140 002 (US) 02 0160 002 (UK)



POWERPAC BASIC

Our PowerPack Basic is powered by 4 AA batteries and is your entry into the world of Therm-ic foot warming systems

ART. NO. 01 0100 004



POWERPACK BASIC KIDS

Small feet, small batteries: this PowerPack especially for children is powered by 4 AAA batteries.

ART. NO.



C 950

0150 006 (EU) 0140 006 (US) 0160 005 (UK)

0150 005 (EU) 0140 005 (US) 0160 004 (UK)

BASIC BASIC KIDS

0100 005

01 0100 007

FOOT WARMING SYSTEMS

POWERSOCKS

Our Therm-ic PowerSocks combine well proven Therm-ic technologies with the high-tech materials and patented functions of X-SOCKS[®]. The optimized design and anatomic shape ensure an optimal fit of the sock and guarantee continuously warm feet when participating in outdoor winter activities.

- + Heat Transfer System[™] for optimum heat distribution
- + High-tech X-SOCKS[®] materials
- + Anatomic design for optimal fit
- + XITANIT™ keeps your feet warm
- + Imperceptible heating element attached outside





POWERSOCK COMFORT HEAT MEN

ART. NO.

POWERSOCK COMFORT HEAT LADIES

Functional allround sock, ideal for all outdoor activities.

SIZE 39-41, 42-44, 45-47 COLOR RED, GRAY AND BLACK

SIZE 35-36, 37-38, 39-40, 41-42 **COLOR** PURPLE, GRAY AND BLACK

ART. NO.

ATTERY PACKS



You can regulate the temperature of the RC 1400 via a remote control –

the batteries provide warmth for up to 16 hours.



BATTERY PACK IC 1400

e the 3 heat levels to adapt the armth provided by our Battery Pack 1400 to your individual needs. lerefore your feet neither freeze r sweat.

ART. NO. 01 0120 030

RC 1400



037

an ter AF

- + Easy attachment of the battery packs on the sock
- + Optimized integration of heating elements guarantees a long lifetime
- + Washable up to 30° C/86° F



POWERSOCK UNI HEAT

ART. NO. 01 0502 001

SIZE 35-38, 39-41, 42-44, 45-47

COLOR ORANGE, GRAY AND BLACK



BATTERY PACK IC 1200

The inexpensive Battery Pack IC 1200 guarantees warm feet for up to 14 hours. You can choose among 3 heat levels to regulate the temperature.

ART. NO. 01 0110 035



POWERSOCK SET IC 1200 + UNI HEAT

The Therm-ic PowerSock Set is a combo package which includes a pair of anatomically designed high-tech socks and our well proven, powerful Therm-ic battery packs.

ART. NO.

SIZE 35-38, 39-41, 42-44, 45-47

HYGIENE SYSTEMS

WARM UP YOUR BOOTS

Harmless, natural bacteria reside on the skin of a healthy person. A warm and humid environment, such as sweaty ski boots, promotes the growth of these microbes. In fact it is these microbes' metabolism which produces unpleasant odors.

Our Therm-ic Care systems dry your ski boots, running shoes and hiking boots within just a few hours and therefore prevent the exponential growth of bacteria and absorb unpleasant odors. Consequently, dry



THERM-IC REFRESHER

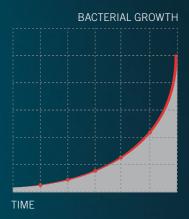
ART. NO.

01 0350 005 (230V - EU) 01 0340 005 (120V - US) 01 0360 005 (230V - UK)

THERM-IC DRYER

ART. NO.

01 0350 006 (230V - EU) 01 0340 006 (120V - US) 01 0360 006 (230V - UK)







THERM-IC WARMER

ART. NO.

SMART SYSTEMS



POWERBANK 3IN1

- + 360° rotation smart switch
- + LED indicates power status
- Constant warmth on shell surface up to 5 hours
- USB/micro USB outputs provide charge for most mobile devices e.g. smart phones, tablets, media players
- + Gives light up to 50 hours
- + Input: microUSB 5V/1000mAh max. / Output: USB 5V/1000mAh max.
- + Battery capacity: 3.7V/2200mAh
- + Surface temperature: 42°C/10
- micro USB cable

ART. NO. 08 0100 001_1 (BLACK) 08 0100 001_2 (SILVER) 08 0100 001_3 (BLUE)



Therm-ic PowerBanks are the most convenient way to keep your fingers warm during all winter outdoor activities. But not just that, they also charge your mobile devices and the 3in1 even comes with a powerful flashlight. The 2in1 and 3in1 versions are lightweight, easy-to-use and come with a knitted woolen cover for extra comfort. The multi-functional PowerBanks accompany you everywhere, ensure your hands are warm for up to 5 hours and that your phone is always charged.





POWERBANK 2IN1

- On/Off button to control warmth
- LED indicates power status
- Double side warming
- + Constant warmth on shell surface up to 4.5 hours
- USB/micro USB outputs provide charge for most mobile devices e.g. smart phones, tablets, media players
- + Input: microUSB 5V/1000mAh max. / Output: USB 5V/1000mAh max.
- Battery capacity: 3.7V/2000mAh
- Surface temperature: 42°C/107°F
- incl. wool cover and US micro USB cable

ART. NO.

08 0100 002_1 (BLACK) 08 0100 002_2 (SILVER) 08 0100 002_3 (BLUE)

THERM-IC HISTORY



Therm-ic has a long and successful history in developing heating technologies. We originated as an inventor of heating systems for ski boots which has fuelled our knowledge and passion. Building on the developments and patented technologies of the last 25 years, our range of products now includes a variety of high-quality solutions in the field of portable heating systems, which are proved to provide warmth for the entire body.

Therm-ic's products have a variety of benefits, from enhancing human well-being, to significantly increasing an athlete's performance. Moreover, they have a preventive effect as they reduce the risk of injury. Our mission is to develop technologies for portable and easy-tohandle heating systems in order to protect the entire body. Our product range includes heatable gloves, socks and soles, as well as drying and refreshing systems for the daily shoe care. Thus, the inventor of heating systems for ski boots has now become the specialist for keeping winter sports enthusiasts warm.

The company was founded in 1975 and has been a member of the SIDAS group since 2013. SIDAS is the world's leading foot expert, thanks to its broad range of specialist products in the field of personalized footwear.

THERM-IC SCIENCE

In collaboration with various institutes and universities, Therm-ic has been researching the changes in human thermoregulation under cold conditions as well as the effects of cold on muscle performance and safety in sports for 25 years. The research results significantly influence the development of our products. Thus, our aim is to exploit and develop new technologies which ideally protect the human body from hypothermia and its consequences.



As endothermic creatures, human beings have a rather constant core temperature. Major body functions, however, only function at their maximum potential within a very narrow temperature range of about $36.6^{\circ}C/98^{\circ}F +/-4^{\circ}C/39^{\circ}F$. As the body gets colder, so-called thermoregulatory functions are stimulated in order to protect the body's basic functions and the vital organs located i n the center of the body. It is important to understand that every human being reacts differently to cold conditions. A few examples of differences that are hard to measure individually, but significantly impact this reaction are the body mass and build.

There are also significant gender-specific differences between men and women that influence the body climate. Although the body fat percentage, which generally supports the insulation of the body shell, of females is higher, they do not have a thermoregulatory advantage over males. This is because the female body surface is bigger and the body mass is less than that of the male. As a result, heat gets lost. Moreover, due to less muscle mass, women may produce less metabolic heat which leads to a more rapid decline in the inner core temperature, especially under cold conditions.

Generally, with low outside temperatures the temperature of the body decreases significantly, especially in the extremities. Thus, a temperature gradient of up to 20°Celsius/68° Fahrenheit from the outer shell of the body to the core is possible. Due to the decreasing body temperature, blood circulation in the skin is reduced in order to prevent further heat loss. This results in lower mobility, impaired muscle functions, and a limited performance.

Due to the fact that the maximum power and the maximum speed of muscle contraction decline with decreasing muscle temperature, the risk of sport injuries increases. The current state of research assumes that maximum performance declines by 12 %, in comparison to normal muscle temperature, if the muscle reaches about 32° Celsius/89° Fahrenheit. It is generally accepted that the maximum muscle performance declines by 3 % – 8 % per $1^{\circ}C/34^{\circ}F$.

Our aim is to protect the body from extreme cold temperatures by utilizing research in the creation of easy-to-handle, personal warming systems. Moreover, we aim at moving the focus of attention to maximize well-being and comfort when participating in outdoor winter activities.

HAND WARMING SYSTEMS





IC 1300 MEN **ART. NO.** 01 0229 011

SIZE S: 8,0; M: 8,5; L: 9,0; XL: 9,5; XXL: 10,0 COLOR

IC 1300 LADIES ART. NO. 01 0228 010 **SIZE** S: 7,0; M: 7,5; L: 8,0

COLOR BLACK



ART. NO. 01 0229 009

SIZE XS: 7,5; S: 8,0; M: 8,5; L: 9,0; XL: 9,5; XXL: 10,0 COLOR

FOOT WARMING SYSTEMS





RC 1200

ART. NO. 01 0160 008 (UK) 01 0110 009 (EU, US)





BASIC

ART. NO.



ART. NO. 01 0160 009 (UK) 01 0110 010 (EU, US)



BASIC KIDS ART. NO.



ART. NO. 01 0150 004 (EU) 01 0140 003 (US) 01 0160 003 (UK)

FOOT WARMING SYSTEMS







ART. NO. 01 0400 060

SIZE XS (35-36), S (37-38), M (39-41), L (42-43), XL (44-45), XXL (46-48)

ART. NO. 01 0400 062

ART. NO. 01 0400 061





IC 950 & TRIMFIT ART. NO.

ART. NO. 02 0150 003 (EU) 02 0160 003 (UK)

MAX & TRIMFIT

ART. NO. 02 0150 001 (EU) 02 0140 001 (US) 02 0160 001 (UK)

ART. NO.

SMARTPACK SET IC 1200 & TRIMFIT

ART. NO. 01 0150 012 (EU) 01 0140 012 (US) 01 0160 012 (UK) ART. NO.



01 0150 006 (EU) 01 0140 006 (US) 01 0160 005 (UK)

18

MAX

ART. NO.

02 0150 002 (EU) 02 0140 002 (US) 02 0160 002 (UK)

01 0150 005 (EU) 01 0140 005 (US) 01 0160 004 (UK)



ART. NO. 01 0400 063



BASIC & CLASSIC ART. NO.



BASIC KIDS & KIDS ART. NO.

FOOT WARMING SYSTEMS





COMFORT HEAT MEN ART. NO. **SIZE** 39-41, 42-44, 45-47 **COLOR** RED, GRAY AND BLACK COMFORT HEAT LADIES **ART. NO.** 01 0500 002 **SIZE** 35-36, 37-38, 39-40, 41-42 **COLOR** PURPLE, GRAY AND BLACK



UNI HEAT ART. NO. **SIZE** 35-38, 39-41, 42-44, 45-47 **COLOR** ORANGE, GRAY AND BLACK



RC 1400 ART. NO.

IC 1400 ART. NO.

BATTERY IC 1200 ART. NO. POWERSOCK SET IC 1200 + UNI HEAT ART. NO. AK I. NO. 01 0110 040 (SIZE 35-38) 01 0110 040 (SIZE 39-41) 01 0110 040 (SIZE 42-44) 01 0110 040 (SIZE 45-47)







ART. NO. 01 0350 005 (230V - EU) 01 0340 005 (120V - US) 01 0360 005 (230V - UK) 01 0330 003 (12V - CAR)

ART. NO. ART. NO. 01 0350 006 (230V - EU) 01 0340 006 (120V - US) 01 0360 006 (230V - UK)

ART. NO. 01 0350 007 (230V - EU) 01 0340 007 (120V - US) 01 0360 007 (230V - UK) 01 0330 004 (CAR)

SMART SYSTEMS





ART. NO. 08 0100 002_1 (BLACK)

ART. NO. 08 0100 002_2 (SILVER)

ART. NO. 08 0100 002_3 (BLUE)







ART. NO. 08 0100 001_1 (BLACK)

ART. NO. 08 0100 001_2 (SILVER)

ART. NO. 08 0100 001_3 (BLUE)

20

THERM-IC



USB ADAPTER FOR THERM-IC SMARTPACKS

devices like smart phones or tablets.

ART. NO.



MINI POWER STRAP ADAPTER

ART. NO.

adapter onto the Velcro on the ski boot, press

ART. NO.



UNIVERSAL



ART. NO.



POWER STRAP

VELCRO STRAP

ART. NO.

Japan

THERM-IC

Australia

China

France

Austria

Germany

New Zealand

Czech Republic, Slovakia

Russia

Switzerland

6039 Root Langenbold Switzerland +33 800 835363

United Kingdom

Slovenia, Croatia

Slovenia +386 59 084980 info@go4.si

SIDAS UK LTD Bridge House 1 Bridge Street Kendal LA9 7DD Phone (01539) 725817 Fax (01539) 729661 info@sidas.co.uk

ADAPTER FOR SKIBOOTS

ART. NO.



SMARTPACK UPGRADE BATTERY 1600

ART. NO.

Basic as well as Liionpack, Supermax, Max and Basix

1

TESTING SYSTEM

ART. NO.

EXTENSION CORDS 80 CM + 120 CM

ART. NO.



Belgium, Netherlands, Luxembourg

Ondernemingsweg 10 3641 RZ Mijdrecht

Denmark

SKIZMA Torsiundevej 105 2635 Ishoj Denmark +45 207 40777 skizma@skizma.dk

Hungary

Hungary +36 30 9402253 flex92@t-online.hu

Norway

South Korea

Nongjeon Bd. #90, Bangbae-ro, Seocho-gu, Seoul, 137-842 South KOREA +82 2 22757577 jsyang0@naver.com

Canada, USA

#3-3531 Viking Way V6V 1W1 Richmond British Columbia Canada 1-866-732-9144 1-604-732-9144 office@thesozegroup.com

Finland, Sweden

Sweden +46 31 3350150 info@scantrade.se www.scantrade.se

Italy

Via Montello, 67 31031 Caerano Di San Marco

Poland

dalbello@dalbello.com.pl

Spain

Camps i Fabres 3-11 bajos 2 08006 Barcelona



THERM-IC INTERNATIONAL

STC DISTRIBUTION GMBH Triester Strasse 179 8073 Feldkirchen bei Graz Austria info@therm-ic.com

www.therm-ic.com