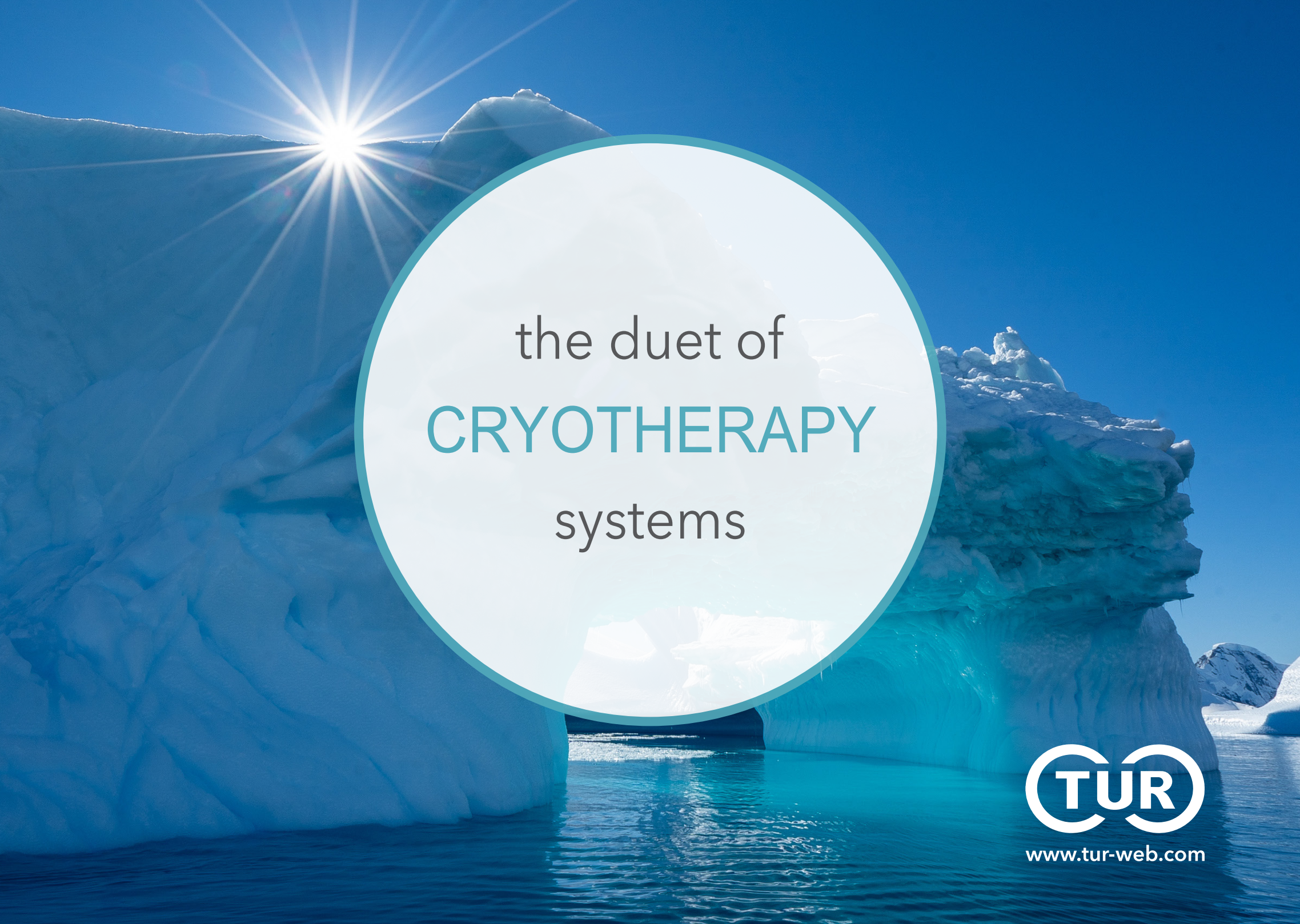

the duet of
CRYOTHERAPY
systems
TUR
www.tur-web.com

2015 cryotur STREAM is born.

2013 kryotur kontakt is redesigned to fit the TUR modular concept.

1996 TUR brings kryotur 600 in the market.

1976 Lloyd et al. proposes that cryoanalgesia is superior to other methods of peripheral nerve destruction.

1899 Campbel White is the first to employ refrigerants for medical use.

400BC Hippocrates uses cold to relieve swelling, bleeding and pain.

cryotherapy

With the recent development of cryotur STREAM, TUR offers the most complete solution for the application of cryotherapy in physiotherapy, rehabilitation and other health professions.

Two methods for delivering cold energy to the affected tissues can be selected:

- By contact using the new kryotur device with renewed design
- By air using the cryotur stream, the unique air flow cryotherapy device

Indications

Cryotherapy has a wide range of application in various medical fields and for various pathologies such as:

Neurology

Neuralgia, spasmodic muscle reactions (apoplexy, transverse syndrome), nerve root compression syndrome (ischialgiae, etc.)

Physiotherapy, ergotherapy, orthopedics, accident surgery & sports medicine

Facilitative, relaxing, analgesic efect, luxations, distortions, contusions, pre- and postoperative irritations, arthritis, arthrosis, condition after joint replacement surgery, muscular lesions (strain, contusion, fiber rupture), nerve root syndrome, reflex dystrophy

Rheumatology

Myalgiae, rheumatic myogeloses, chronic, polyarthritis, activated arthrosis, insertion tendinitis, endovaginitis, periarthropathy

Dermatology

Psoriasis, cellulite, in combination with high power laser therapies

Advanced user experience

Software interface

cryotherapy

series

Turbo Boost

For maximum effect

Advanced service menu

Continuous monitor status of internal components

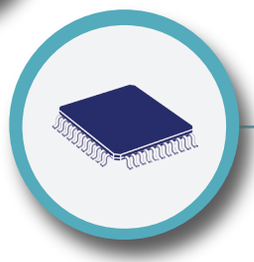
Powered by Windows®

Warning messages and remote troubleshooting

Warning messages for: defreezing, water level

Memory

Intern memory allows up to to 1.000.000 entries. Extendable to 8GB via USB/SD. 1GB internal memory



Save under Favourite

Save protocols in your favourite's menu

Save under Patient

Save protocols under your patient's names

Patient

Create new patient files, monitor therapy sessions

Biofeedback

Mode for safe operation

Settings

Change all the software settings, e.g. sound, design, etc

Library

Preset programs and pathology information

Therapy

Quick therapy start - free mode

Features

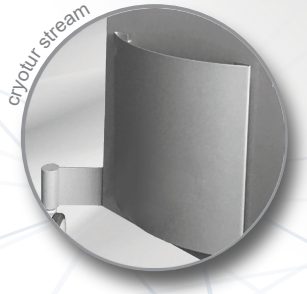
360° swivelling handpiece without external cable for sensor

Large coloured touch screen

USB ports for technical support, software upgrades and backup

Dual **dynamic** control of software

Ergonomic holder tray for accessories



Hidden water reservoir with **sensor** for level monitoring

Large wheels for **mobility** and **stability**

kryotur kontakt

Possible combination with

- ELT
- EMG
- US
- VAC
- RSWT
- RF

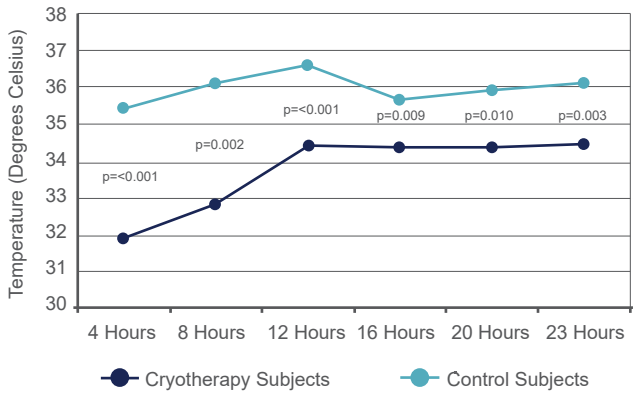
kryotur kontakt

Peltier elements in handpiece

FOR MORE EFFECTIVE COOLING

kryotur is the traditional conducting cryotheray integrated in the physiotur symphony therapy tower. It can be combined with kimatur, the radial shockwave therapy, as well as with TUR electrotherapy and ultrasound therapy models.

The cold energy is achieved by means of thermo-electrical modules (Peltier elements) that cool a fluid down to a preset temperature. The fluid then circulates and reaches the different applicators.



Comparison of operative shoulder skin-surface temperatures in the cryotherapy and control groups.

"Arthroscopy 2002 18, 748-754DOI

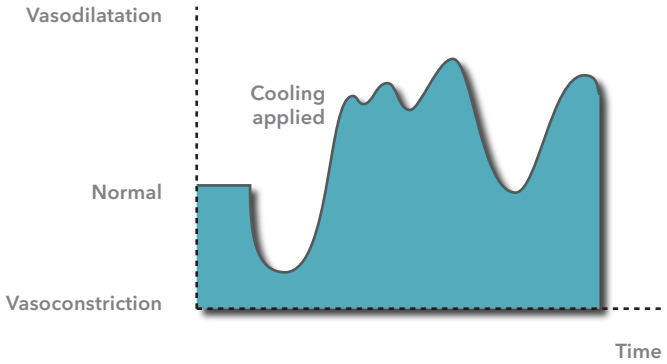
For different applicators the treatment temperature may be ajusted in the range of +12°C to - 10°C. A variety of applicators may be easily exchanged. Hence, the unit can be quickly adapted to the miscellaneous requirements of applications.

Moreover, it is possible to connect a cooling head for short circle icing and in extension with any TUR electrotherapy unit for a combined treatment of cryo-therapy and different versions of stimulating currents applied via the cooling head and a plate electrode.

cryotur stream

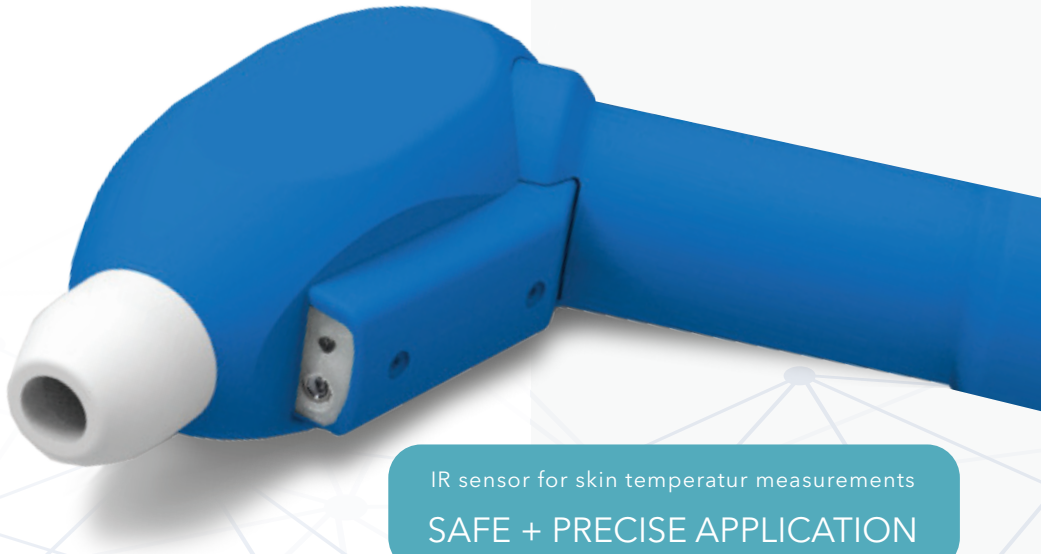
The new air flow cryotherapy offers enhanced therapeutic capabilities without requiring skin contact.

Room air is cooled with the assistance of a compressor down to -35°C. Within the specially closed circuit our environment friendly coolant radically decreases the temperature of the air, which is then delivered through our ergonomically designed handpiece to the tissues. No consumable is necessary, making its operation extremely cost effective.



Two available modes of operation, constant dosage and constant temperature make cryotur stream an effective and flexible tool that allows the users versatile therapies. The standart IR sensor guides the therapeutic parameters to suceed optimal result in a safe and controlled way.

- Hands free operation using the specially designed arm for static use (optional)
- Arm for static use (optional)
- Dual operation mode, constant dose or constant temperature
- Real time temperature control in all modes for safe aspplication
- Ergonomic, elegant design of handpiece with anti-frost grip



IR sensor for skin temperatur measurements

SAFE + PRECISE APPLICATION

Technical specifications

Cryotherapy Device	cryotur stream	kryotur
Temperature	-35˚C on the delivered air	-12˚C to +13˚C
Nozzle / Attachments	5, 10, 15 mm	1, 7, 10, 14 cm²
Air flow	Up to 1500lt/min in 10 levels	N/A
Modes of operation	Constant dosage, Constant Temperature	Continuous, Intermittent, Bioloop
Temperature sensor	IR Type	Three contact type sensors
Cooling type	Environmental friendly with low ODP	Aqua Conserva
Pre-set programs	✓	
Free programs	✓	
Warning messages	Optical and audio for water, level filter cleaning and defrost	Optical and audio for cooling agent level
Control	12,1'' colour touch screen display	12,1'' colour touch screen display
Housing	Physiotur Control Tower, dimensions 105 cm x 48 cm 48 cm (hxwxl)	Physiotur Control Tower, dimensions 105 cm x 48 cm 48 cm (hxwxl)
Combination with other technologies	No	Yes with RSWT, ELT, US, VACUUM, RF
Update via USB	✓	

CE 0482

Manufactured by:

MED CERT Certification. Medical Only.

TUR Therapietechnik GmbH
an ISO 9001:2015 & ISO 13485:2016 certified company

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