

STx™ Surface Pad System



Cost-Effective, Easy-to-use Temperature Management Solution

The STx Surface Pad System for cooling and warming provides an economic, easy-to-use solution for temperature management.

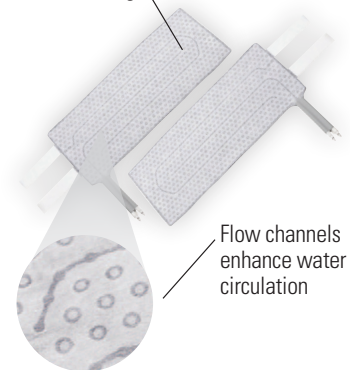
Key Advantages of STx Surface Pad System

- Enables staff to initiate therapy
- Manual or automatic modes

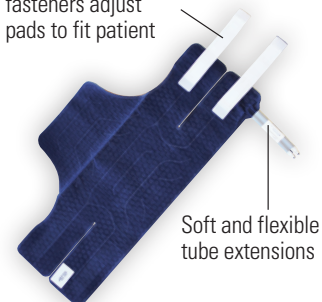
The STx Surface pads are efficient and easy to apply, providing tight skin contact with no adhesives.

- Flow channels enhance water circulation
- Durable, biocompatible, skin-friendly inner lining* with stretchable Velcro fasteners simplifies adjusting pads to various sizes
- Soft and flexible tube extensions for ease of use

Durable, skin-friendly inner lining



Stretchable Velcro fasteners adjust pads to fit patient



*Indications:
For patient temperature management by trained healthcare professionals only. Product to be used with STx Surface Pad System.
Note – STx Surface Pads are accessories intended for use with STx Surface Pad System. Refer to the STx Surface Pad System IFU for full listing of Indications, Contraindications, Warnings, Cautions, and additional information.



CoolRepeat® for STx™ Surface Pad System

The CoolRepeat connectivity accessory receives patient temperature data from the indwelling temperature probe and transmits it to the STx Surface Pad System and to the patient monitor. Temperature data are displayed on the monitor with other routine vital signs data and can be incorporated into the electronic medical record.

Key advantages

- Keeps track of patient temperature wherever vital signs are displayed
- Displays patient temperature data on both the console and the patient monitor
- Reduces the number of trips to the patient's bedside to read temperature, which may enhance workflow and productivity

STx Surface Pad System Technical Specs

Physical

Dimensions: 17" W x 17" D x 37.5" H (43.18 cm. W x 43.18 cm. D x 95.25 cm. H)
Weight: Empty - 131 lbs. (59kg.) Shipping - 151 lbs. (68.5kg)
Cabinet Construction: Powder-coated steel with plastic top. Divided reservoir. Bottom air discharge. Built-in handle. Bumper guard. Storage compartment. Two 4" conductive, 360° swivel-type casters and two 4" non-conductive, 360° swivel-type locking casters.
Ambient Temperature (during use): 15°C - 30°C (59°F - 86°F)
Maximum Contact Surface Temperature: 41°C (105.8°F)

Thermal System

Compressor: 1/3 HP
Heater: 800 Watts
 NOTE: Maximum expected heating capability approximately 3°C (5.4°F) per minute. Maximum expected cooling capability approximately 5.5°C (9.9°F) per minute. Time to heat from 23 ± 2°C to 37°C is approximately 12 minutes with a blanket attached.

Circulation System

Divided Compartment Reservoir, 2-gallon (7.5-liter) total capacity. Error-proof, quick-disconnect couplings.

Electrical System

Electrical Characteristics: 115V±10%, 50/60Hz., 10.2 amps, 230V±10%, 50/60Hz., 5.2 amps
Power Cord: 14/3 SJT (115V), hospital-grade plug, standard European cord (230V)
Leakage Current: Under 300 µa 115, Under 500 µa 230
Circuit Breaker: In power switch
Mains Supply Isolation: Two-Pole Mains Switch

Safety System

Maximum High Control Setting: 42°C (107.6°F)
High Limit Safety: 44°C ± 2°C (111.2°F ± 3.6°F)
High Limit Secondary Back-up Safety: 44°C ± 2°C (111.2°F ± 3.6°F)
Thermostatic Snap Disc: 46°C ± 2°C (114.8°F ± 3.6°F)
Minimum Low Control Setting: 4°C (39.2°F)
Low Limit Safety: 2°C ± 2°C (35.6°F ± 3.6°F)
Low Limit Secondary Back-up Safety: 2°C ± 2°C (35.6°F ± 3.6°F)
Defective or Dislodged Probe Alarm: Audible and Visual

Primary and Secondary High and Secondary Low

Limit Failure Alarm: Audible and Visual
Low Water Alarm: Audible and Visual
Defective Water Temp Sensor: Audible and Visual
Water Flow Indicator: Visual
Low Flow Alarm: Audible and Visual
Water Temperature Sensor Fault Alarm: Audible and Visual

Control System

Microprocessor-Controlled, Lighted "Off-On" Power Switch, Digital LED Read-outs, Alarm Indications, Mode Indications

Controller Range:

Water Temp: 4°C to 42°C (39.2°F to 107.6°F)

Patient Temp: 30°C to 40°C (86°F to 104°F)

Display Accuracy:

Water Temp: ± 0.5°C (± 1°F)

Patient Temp: ± 0.3°C (± 5°F)

Display Range:

Water Temp: 0°C to 52°C (32°F to 126°F)

Manual Control: 10°C to 50°C (50°F to 122°F)

Auto Modes: 30°C to 43.5°C (86°F to 110.3°F)

Monitor Only: 10°C to 50°C (50°F to 122°F)

Display Type: LED

Temp Settings:

Water Temp: 0.1°C (0.1°F)

Patient Temp: 0.1°C (0.1°F)

Patient Probe Jacks: One

Probe Type: 400 Series

1/4-inch Receptacle: One

Environmental Conditions

(during storage and transportation)

Ambient Temperature (transportation and storage): -40°C - +50°C (-40°F - +122°F)

Humidity (transportation and storage): 20% - 95%

Warranty

Warranty and service provided by Gentherm:
 1-888-437-5608

Ordering Information

For pricing information or to place an order, please contact ZOLL's Customer Service department at: 800-348-9011, or your local representative.

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For subsidiary addresses and fax numbers, as well as other global locations, please go to www.zoll.com/contacts.

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