



TECOTHERM

Total Body Cooling System

Tecotherm TSmed 200 N – Total Body Cooling For The Neonate

The TSmed 200 N is used for inducing hypothermia in the Neonate.

The system is comprised of the cooling unit, connecting tubes and a special mattress. The infant is placed on the AquaPad mattress, in which circulates the cooling fluid. Total body cooling from below the patient gives the physician and nurse superior access to the patient without compromising the treatment or other procedures. A rectal temperature probe monitors the neonate's core temperature.



Total Body Cooling with the TSmed 200 N has been used to cool hundreds of neonates in a randomized-controlled study throughout Europe*. Feedback from users has been positive about the simple approach and stable temperature control. The built-in alarms give users greater confidence in managing these very sick infants. The system is safe and simple to use.

The TSmed 200 N provides an ideal solution for transport. The compact unit can be used in transport to achieve cooling as soon as possible. It also provides a post-procedure warming solution for neonates.

The TSmed 200 N offers a solution to induce hypothermia that can be started quickly & easily

- Provides both cooling & warming
- Ideal for use during transport
- Includes built-in alarms



AquaPad Mattress



Fill-up Set



Connecting hoses

TECOTHERM

Total Body Cooling System



TSmed 200 N

Total Body Cooling System for Neonates

- Stable temperature control between 6°C and 40°C
- LCD temperature display
- Built-in alarms for low fluid, loss of flow, loss of power, high / low temperature, and system failure
- Includes mains cable & starter kit

* *References & further reading:*

Blackmon et al: Hypothermia: A Neuroprotective Therapy for Neonatal Hypoxic-Ischemic Encephalopathy. Pediatrics 2006

Shankaran et al: Whole Body Hypothermia for Neonates with hypoxic-ischemic encephalopathy. New Eng Jour Med 2005

Gluckman et al: Selective Head Cooling with Mild Systemic Hypothermia after neonatal encephalopathy: multi centre randomised trial. Lancet 2005

Edwards, Azzopardi et al: Pilot study of treatment with whole body hypothermia for neonatal encephalopathy.

ORDERING INFORMATION:

DESCRIPTION	PART NUMBER
-------------	-------------

TECOTHERM TSmed 200 N	64000
-----------------------	-------

Includes starter kit, consisting of:

Connecting Hoses, foamed silicone thermally shielded, dual lumen length 2m

AquaPad Mattress (small) (30 x 45 cm)

Fill-up set

Thermal fluid TECOmed (5 liters)

MATTRESSES & ACCESSORIES

AquaPad Mattresses:

30 x 45 cm (small)

64045

50 x 90 cm (large)

64090

Fabric Layer Sheet, plastic coated

64010

Repair Kit for Mattresses

64040

Connecting Hoses, foamed silicone thermally shielded, dual lumen:

Length 2m

64020

Length 3m

64030

Fill-up set

64050

Thermal Fluid TECOmed (5 liters)

64060



Tec Com GmbH
Böllberger Weg 170
D-06128 Halle, Germany

64000-BRA-EN1011R

Distributed by

natus

Natus Medical Incorporated
www.natus.com