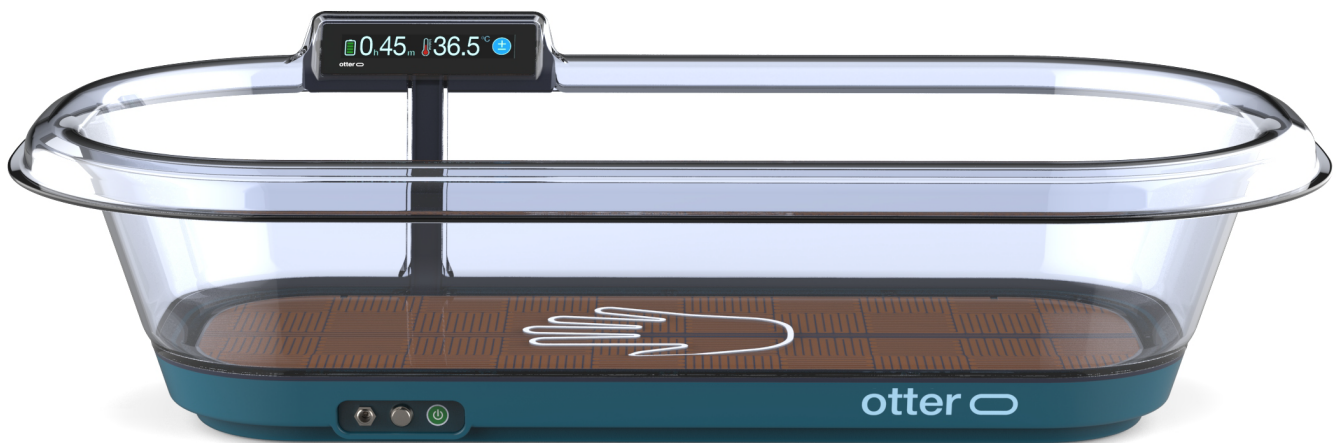


otter 

LifeKit by *MTTS*



CE 2265

# OTTER

A conductive warmer machine for **neonatal patients**

## Overview

- 100% reusable and cleanable
- light and portable
- energy efficient
- up to 8 hours battery backup

## Temperature Control System

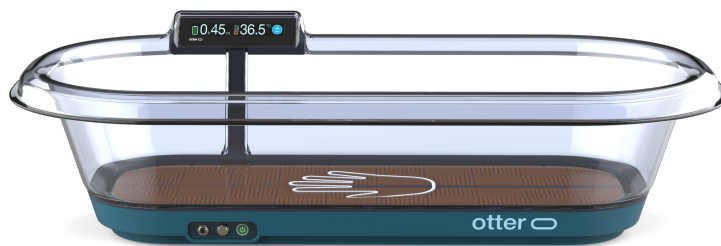
- automatic surface temperature control
- optional probe for patient skin temperature monitoring

## Displays/Indicators

- bright LCD display to monitor patient temperature, treatment time, total usage time, heater power level and sensor
- LCD display with diagnostic and troubleshooting information
- total system time counter (lifetime)
- battery status estimator

## Safety

- Heater element failure
- Sensor failure
- Power failure



## Dimensions and Weight

|                                |                       |
|--------------------------------|-----------------------|
| Unit dimensions                | 68 cm x 36 cm x 19 cm |
| Shipping (boxed) dimensions    | 70 cm x 43 cm x 25 cm |
| Net Weight (without batteries) | 3 kg                  |
| Net Weight (with batteries)    | 5 kg                  |
| Shipping Weight                | 10 kg                 |
| Maximum load                   | 5 kg                  |

## Performance Specifications

|                              |                                          |
|------------------------------|------------------------------------------|
| Heating element rating power | 50 W                                     |
| Effective surface area       | 48 cm x 18 cm                            |
| Surface temperature control  | range 35 °C - 40 °C in steps of 0.5 °C   |
|                              | uniformity < 1 °C                        |
|                              | accuracy ±1 °C                           |
| Surface temperature          | measurement range 15 °C - 42 °C          |
|                              | accuracy 0.5 °C                          |
|                              | resolution 0.1 °C                        |
| Skin temperature             | measurement range 10 °C - 50 °C          |
|                              | accuracy 0.3 °C (in 30 °C - 40 °C range) |
|                              | resolution 0.1 °C                        |

## Electrical Specifications

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Power supply (external) | 150W, 100-240VAC, 47-63Hz<br>Short Circuit Protection<br>Protection Classes: Class I<br>Safety: IEC 60601-1 |
| Power consumption       | 120W maximum                                                                                                |
| Battery (internal)      | Li-ion                                                                                                      |

## Standards for Reference

|                                        |                       |
|----------------------------------------|-----------------------|
| EN ISO 13485:2016+A11:2021             | EN ISO 15223-1:2021   |
| EN ISO 14971:2019+A11:2021             | EN ISO 20417:2021     |
| ISO TR 24971:2020                      | EN ISO 10993-1:2020   |
| EN 60601-1-2:2015+A1:2021              | MEDDEV. 2.7.1 Rev.4   |
| EN 60601-1-6:2010+A1+A2:2021           | MEDDEV. 2.12-1 Rev. 8 |
| EN 60601-1-8-2007+A1+A11+A2:2021       | MEDDEV. 2.12-2 Rev.2  |
| EN 60601-1:2006+A1+A12+A2:2021/AC:2023 | ROHS 2015/863/EU      |
| EN IEC 60601-2-35:2021                 | WEEE 2012/19/EU       |

## Ordering Information and Servicing

| MAIN UNIT                         | MODEL  | ITEM ORDER NO                   |
|-----------------------------------|--------|---------------------------------|
| Otter unit                        | Otter  | OTT-1000                        |
| ITEM                              |        | ITEM ORDER NO                   |
| Skin Sensor - tape                |        | ID 1290                         |
| Sticky tape for skin sensor (100) |        | ID 1315                         |
| Skin Sensor clip                  |        | ID 2130                         |
| Power Cords:                      |        |                                 |
| - EU                              |        | ID 551                          |
| - US/VN                           |        | ID 552                          |
| - UK                              |        | ID 553                          |
| - AUS                             |        | ID 1313                         |
| WARRANTY                          |        |                                 |
| Standard Warranty                 | 1 year | Subject to MTTs Warranty Policy |



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