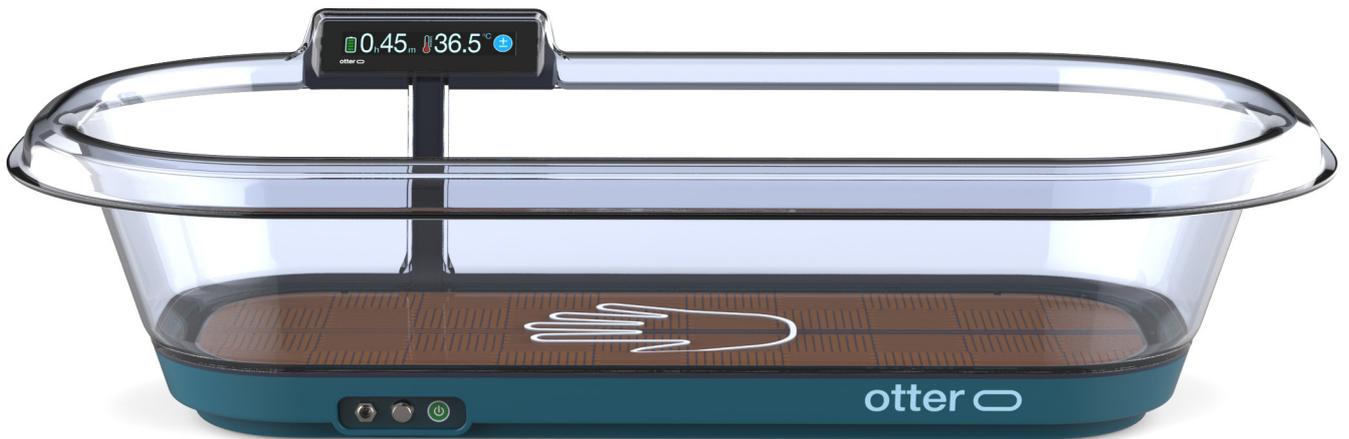


otter 

LifeKit by *MTTS*



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

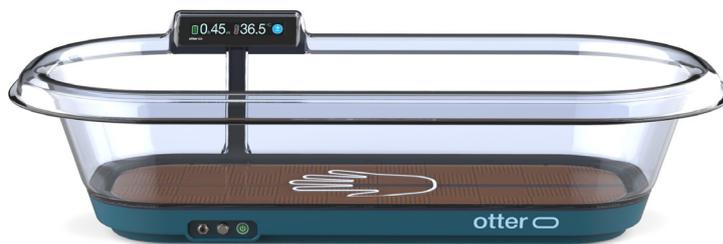
- automatic surface temperature control
- optional probe for patient skin temperature monitoring

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 Short Circuit Protection Protection Classes: Class I 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
OPTIONAL ITEMS		ITEM ORDER NO
Skin Sensor		ID 1290
Sticky tape for skin sensor (100)		ID 1315
Skin Sensor clip		ID 2130
Battery Cell (3000mAh)		ID 1185
Medical Power Supply (150W)		ID 2129
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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