

Dolphin[®]
CPAP

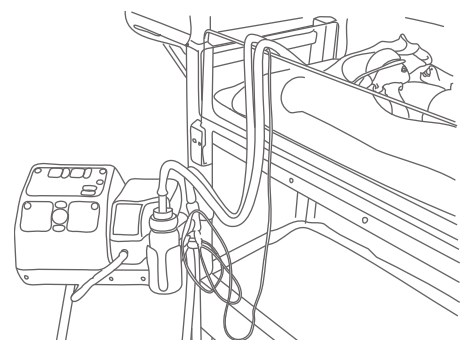
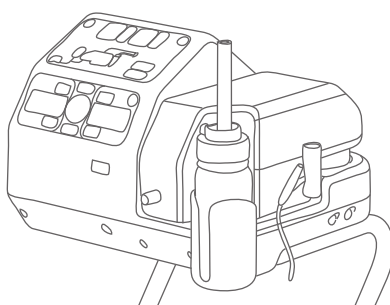
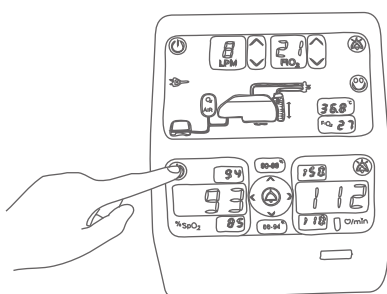
LifeKit by **MTTS**



CE 2265

DOLPHIN

A bubble CPAP machine for **neonatal patients** requiring **respiratory support**.



Overview

- 100% reusable and cleanable
- complete all-in-one CPAP treatment and monitoring device
- integrated design includes gas mixing, humidification, PEEP chamber, air compressor and pulse oximeter in one compact unit
- 2h battery backup (excluding heat and humidity)

PEEP

- innovative design for safe and easy adjustment
- easily visible at front of unit

Gas Mixing

- electronic mixing for easy, independent adjustment of flow rate and FiO₂
- directly set FiO₂, no calculations or tables
- internal regulator allows safe connection to a variety of oxygen sources

Humidifier

- automatically refills for 3-days continuous operation
- small heated volume for quick warm up
- heater power automatically adjusted to maintain correct humidity and minimise rain-out

Patient Circuit

- completely reusable
- most parts autoclavable
- chemically disinfectable if autoclave is not available
- includes internal heater wire and temperature sensors
- robust but flexible silicone tubes

Dimensions and Weight

Unit dimensions (excl. support arm)	80 cm x 38 cm x 38 cm
Shipping (boxed) dimensions	51 cm x 45 cm x 88 cm
Net Weight	18 kg
Shipping Weight	28 kg

Performance Specifications

PEEP	Type: Bubble Pressure Range: 0 to 10 cm H ₂ O
Gas Mixing	Type: Electronic Oxygen Percentage / FiO ₂ : 21 to 99% Flow Rate: 4 to 9 LPM
Air Compressor	Type: Blower Power Supply: Integrated, 12V DC
Gas Supply	Oxygen Input Range: 3.5 - 60 psi Oxygen Connector: DISS 1240
Humidifier	Type: Passover Humidity: >90% RH Warm Up Time: <10 minutes Time between Refills: 3 days (approx)
Patient Circuit	Type: Heated, Reusable Default Gas Temp: 37°C (range 35-40°C)
Pulse-Oximeter	SPO ₂ Measurement: 1 - 100% SPO ₂ BPM Measurement: 25 - 240 bpm
Device noise level	<50 dB at a distance of 1 meter

Requirements

Power Requirements	Voltage: 100-240V AC Frequency: 50-60 Hz Power Consumption: 240W MAX
Agency Requirements	ISO 13485: 2016 EN 60601-1-2/6/8: 2010 EN 60601-2-61: 2011 ISO 8185: 2009

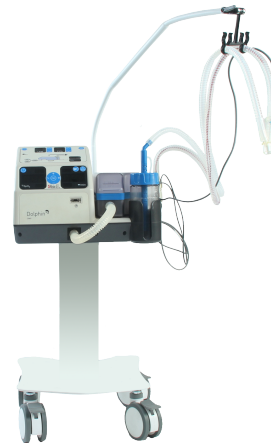
Distributor:

Pulse Oximeter

- pulse-oximetry integrated into the device
- choice of MTTs and Masimo SET® technology for accurate, reliable, robust measurements
- simple user interface and alarm settings
- no multi-level menus or complicated button sequences

Air Compressor

- integrated air compressor means there is no need for an external air source
- completely integrated, no messy external wires or tubes



Ordering Information and Servicing

MAIN UNIT	MODEL	ITEM ORDER NO
CPAP	1.20	CPD-10000
CONFIGURATION		
Gas Hose	Compressed Oxygen	ID 150 + Connector
Mains power cable	EU/US-VN/UK	ID 551/2/3
User Manual	EN/FR/VN	
ADDITIONAL SERVICEABLE PARTS		ITEM ORDER NO
Humidifier		ID 1006
PEEP Chamber		ID 1007
Silicon Tube Set		ID 1008
Heater Wire Draw Line		ID 991
Temperature Sensor		ID 990
Heater Wire Connector		ID 1312
Oxygen Sensor		ID 2040
Inlet Gas Filter		ID 1219
Cleaning Brush		ID 1000
MTTS Pulse ox Sensor		ID 999
CONSUMABLE PARTS		ITEM ORDER NO
MTTS Nasal Cannula	Size 0/1/2/3/4/5/6	ID 2062/3/4/5/6/7/8
WARRANTY		
Standard Warranty	1 year	Subject to MTTs Warranty Policy



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