

Impala 
ventilator

LifeKit by **MTTS**



IMPALA

Portable ventilator for neonatal, pediatric and adult patients suitable for ambulances and intensive care wards

Overview

- Portable
- Suitable for emergencies or intensive care wards
- Build-in battery - 3 hours backup
- Integrated blender
- FiO₂ monitoring
- Easy-to-use touch screen
- ACV, SIMV and CPAP modes
- Controlled target PIP and consistent PEEP
- No time restriction on use due to the gas tank limitation
- Usable in horizontal or vertical position



Physical Specifications

Unit dimensions	20 cm x 22 cm x 20 cm
Shipping (boxed) dimensions	30 cm x 25 cm x 30 cm
Net weight	3 kg
Shipping weight	4 kg

Performance Specifications

Power characteristics	100 - 240 VAC, 50-60 Hz
Integrated air compressor	Blower
Delivered oxygen concentration	21 - 100%
Battery	Li-ion, 12V-6000mAh
Ventilation mode	ACV, SIMV, CPAP
Respiratory rate	Adult: 5 - 40 bpm Neonatal/Pediatric: 5 - 120 bpm
Inspiration time	Adult: 0.1 - 6 s Neonatal/Pediatric: 0.4 - 6 s
Tidal volume	Adult: 5 - 800 ml Neonatal/Pediatric: 5 - 300 ml
PIP	2 - 40 cm H ₂ O
Pressure limitation	4 - 45 cm H ₂ O
PEEP	0 - 25 cm H ₂ O

Environmental Specifications

Operating	Ambient temperature: 0°C to +40°C Humidity: 0% to 90% RH non-condensing
Transport and Storage	Ambient temperature: -20°C to +60°C Humidity: 0% to 90% RH non-condensing

Standard Compliance

EN 60601-1:2006/A1:2013
EN 60601-1-2:2015

Ordering Information and Servicing

MAIN UNIT	ITEM ORDER NO
MTTS Impala Ventilator	VEN-10000
Reusable Circuit - neo/ped*	RES-10011
Single use PEEP valve with T-piece*	RES-10012
Single use T-piece circuit*	RES-10020
Reusable Circuit - adult	VEN-10030
Single use Circuit - adult	VEN-10040
Single use HME filter	VEN-10050
Single use HEPA filter	VEN-10051
Silicon mask - size S (42 mm)*	RES-10061
Silicon mask - size M (50 mm)*	RES-10062
Silicon mask - size 3	VEN-10063
Silicon mask - size 4	VEN-10064
Silicon mask - size 5	VEN-10065
Oxygen Hose	VEN-10070

*Optional

WARRANTY

Standard Warranty 1 Year Subject to MTTs policy

MTTS

MEDICAL TECHNOLOGY TRANSFER AND SERVICES Co., LTD
ISO 13485: 2016 Certified Company

For more information or to place an order please contact us at:

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