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## ● STANDARD FUNCTIONALITY

- Volume stroke can be adjusted from 0.5L to 3.0L in steps of 0.5L.
- 4 predefined levels for  $\dot{V}O_2$ ,  $\dot{V}CO_2$  and BF. Levels are at 1.0, 2.0, 3.0 and 4.0 L/min for  $\dot{V}CO_2$  and 20, 40, 60 and 80 breaths per minute for BF.
- Possibility to manually control the levels.
- 3 displays which show the actual setting of  $\dot{V}O_2$ ,  $\dot{V}CO_2$  and BF
- Weight is less than 15 kg

## ● OPTIONS

Special (flight) case on wheels for easy transportation.

## ● SPECIFICATIONS BASIC SYSTEM

Model: METABOLIC SIMULATOR			
Parameter	Unit	min	max
Volume Stroke (VT)	mL	500	3000
Frequency (BF)	min-1	5	80
VE	L/min	2,5	240
Flow	L/s	0	12,5
Accelleration	L/s <sup>2</sup>	0	105
$\dot{V}N_2$ (leading to $\dot{V}O_2$ )	L/min (STPD)	0	15,1
$\dot{V}O_2$	L/min (STPD)	0	4
$\dot{V}CO_2$	L/min (STPD)	0	4

Volume accuracy < 3 mL  
 Flow accuracy 10 mL/s or 2% whichever is greater  
 $\dot{V}O_2$   $\dot{V}CO_2$  accuracy 4 to 25 mL/min (0.1% full scale + 0.5% of reading)



All information is subject to change.



Simulate Human Respiration. Easy And Precise.

## METABOLIC SIMULATOR

State Of The Art Quality Control For Respiratory Products.

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