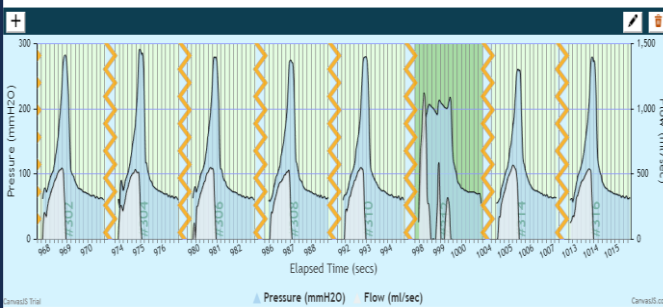


# Remote Monitoring



Parameter	Units	Value
Peak Pressure	cm H <sub>2</sub> O	33
Plateau Pressure	cm H <sub>2</sub> O	32
PEEP Pressure	cm H <sub>2</sub> O	6
Tidal Volume Delivered	ml	404
Total Minute Volume	l/min	8.0
Mandatory Minute Volume	l/min	2.3
Spontaneous Minute Volume	l/min	0.0
Mandatory BPM	l/min	20
Spontaneous BPM	l/min	0
Static DeltaV/DeltaP	ml/cm H <sub>2</sub> O	5.0
Dynamic DeltaV/DeltaP	ml/cm H <sub>2</sub> O	5.0
System Temperature	°C	38.4
Miscellaneous		412.0
Information		399.8
Number of Breaths		8.0
Number of Mandatory Breaths		8.1
Number of Spontaneous Breaths		8.0
Number of Maintenance Breaths		8.0
Number of CHV-mode Spontaneous Breaths		8.0
Number of Missing Intervals (Pneumonia)		8.0
Number of WiFi or Server Disconnects		8.0
Number of Notifications		8.0
Number of Warnings		8.0
Number of Errors		8.0

Patient 007

Transmitting

ACTIVE

Last Recorded Breath#

11370  
ACTIVE

BANGALORE

MODE

SIMV

VT

300

RR

10

I:E

1:1

FIO2

30

PS

20

Minute Vol. (l/min)  
Total=7.9  
Mandatory=7.9  
Spontaneous=0.0

## Measured Patient Parameters

PEAK Pressure (cm H<sub>2</sub>O)

33

PLATEAU Pressure (cm H<sub>2</sub>O)

32

PEEP Pressure (cm H<sub>2</sub>O)

6

Delivered Volumes

Tidal Volume (ml)

404

Minute Volume (l/min)

8.0

Breaths per Minute

Mandatory (bpm)

20

Spontaneous (bpm)

0

Minute Volume Breakdown

Mandatory (l/min)

7.9

Spontaneous (l/min)

0.0

## Remote Monitoring

- ✓ Live Dashboard
- ✓ Detailed Breath Waveforms
- ✓ Charts for all Parameters
- ✓ Detailed Statistics
- ✓ System Alerts and Alarms
- ✓ Recording and Playback
- ✓ Multi-system Display



ACTIVE

James Bond

Gender: Male Age: 42yr  
Weight: 72kg Height: 180cm

## System Parameter Settings

Mode

ACV

PEEP Pressure

6 (cm H<sub>2</sub>O)

Tidal Volume

400 (ml)

Max Pressure

75 (cm H<sub>2</sub>O)

Respiration Rate

20 (bpm)

Support Pressure

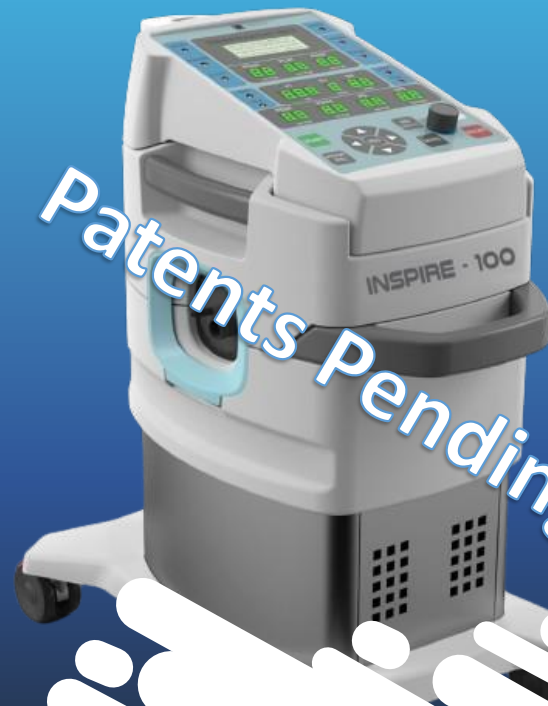
20 (cm H<sub>2</sub>O)

I:E Ratio

1:2

Support End

30%



Patents Pending



INSPIRE - 100

An Emergency Ventilator

TekMedika Pvt. Ltd.



## Distinctive Features

- ✓ Unmatched Affordability
- ✓ Unmatched Remote Monitoring
- ✓ Unmatched Ease-of-use
- ✓ No need for Piped Air or Oxygen
- ✓ Complete Set of mainstream Respiration Parameters
- ✓ Field Upgradeable

## Technical Specs

Mode	Description
CMV	Continuous Mandatory
ACV	Synchronized Assist Control
SIMV	Synchronized Intermittent Mandatory
PSV	Pressure Supported (BiPAP equivalent)

Volume Control Parameter	Range
Tidal Volume (ml)	200 - 600
Respiration Rate (bpm)	10 - 30
I:E Ratio	1:1 - 1:3
PEEP (cmH2O)	4 - 15
FiO2 (System Managed)	External

Pressure Support Parameter	Range
Support Pressure (cmH2O)	5 - 35
Flow Trigger Termination (%)	10 - 60
Time Trigger Termination (secs)	1.0 - 3.0

Full Set of ALARMS	
Max Pressure	Pressure Leak
Pressure Loss	Airway Blockage
Cough / Hiccups	System Temperature
Inconsistent Parameters	Extreme Parameters
Replace BVM	BVM Size
and many more ...	

Breath Synchronization for Patient Comfort
Power Consumption 100W

## Breathing Circuit

Simple, Off-the shelf, Single-limbed and compatible with Standard Accessories

