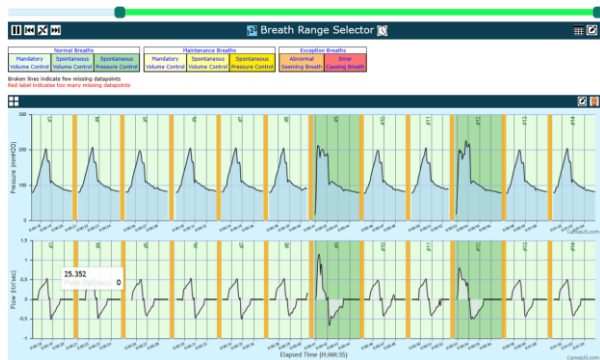


Remote Monitoring



Parameters Measured

Static Information

Parameter	Units	Min	Max	Avg
Peak Pressure	mmHg	27.0	30.0	28.6
Plateau Pressure	mmHg	17.0	29.0	27.1
PEEP Pressure	mmHg	5.0	5.0	5.0
Tidal Volume Delivered	ml	384.0	412.0	399.8
Total Minute Volume	ml			
Mandatory Minute Volume	ml			
Spontaneous Minute Volume	ml			
Mandatory BPM	breaths/min	8.0	8.1	8.0
Spontaneous BPM	breaths/min	8.0	8.1	8.0
FI02	%			
Static DeltaV/DeltaP	ml/cmH2O			
Dynamic DeltaV/DeltaP	ml/cmH2O			
System Temperature	°C			

Patient 007

Transmitting



Last Recorded Breath#

11370
ACTIVE

BANGALORE

MODE

SIMV

VT

300

RR

10

I:E

1:1

FI02

30

PS

20

Lung DeltaV / DeltaP
(ml/cmH2O)
Static = 16
Dynamic = 14

Measured Patient Parameters

PEAK Pressure (cm H ₂ O)	Delivered Volumes
26	Tidal Volume 302 (ml)
PLAT Pressure (cm H ₂ O)	Minute Vol. 0 (l/min)
24	Breaths per Minute
PEEP Pressure (cm H ₂ O)	Mandatory 0 (bpm)
5	Spontaneous 0 (bpm)
Minute Volume Breakdown	
Mandatory 0 (ml)	Spontaneous 0 (ml)



Miscellaneous

FI02 Settings	Mode
Required O ₂ Flow Rate 1.5 (litres/min)	SIMV
O ₂ Purity 70%	Tidal Volume 300 (ml)
Desired FI02 35%	Max Pressure 85 (cm H ₂ O)
AV/AP (ml/cmH ₂ O)	Respiration Rate 15 (bpm)
1:2	Support Pressure 20 (cm H ₂ O)
1.5	Support End

James Bond007
Gender: Male Age: 42yr
Weight: 76kg Height: 185cm

System Parameter Settings

Mode	PEEP Pressure
SIMV	5 (cm H ₂ O)
Tidal Volume	Max Pressure
300 (ml)	85 (cm H ₂ O)
Respiration Rate	Support Pressure
15 (bpm)	20 (cm H ₂ O)
I:E Ratio	Support End
1:2	1.5

Remote Monitoring

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



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

