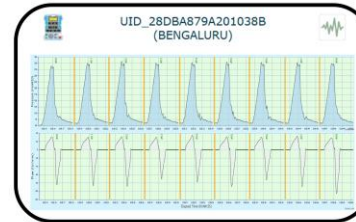
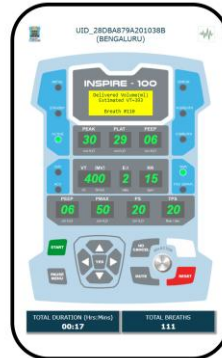
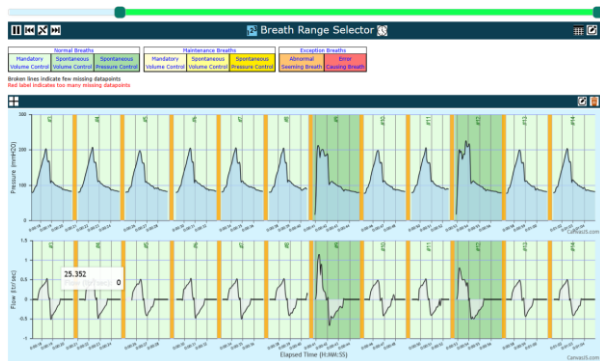


Remote Monitoring



Remote Monitoring

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

Patents Pending



INSPIRE - 100

An Emergency Ventilator

TekMedika Pvt. Ltd.

Parameters Measured			Static Information		
Parameter	Units		Parameter	Units	
Peak Pressure	cmH2O		Mode	ACV	
Plateau Pressure	cmH2O		Rate	400	
PEEP Pressure	cmH2O		FiO2	21	
Tidal Volume Delivered	L		Flow, L/min	20	
Total Minute Volume	L		Flow, L/min	20	
Mandatory Minute Volume	L		Flow, L/min	20	
Spontaneous Minute Volume	L		Flow, L/min	20	
Mandatory BPM	BPM		Flow, L/min	20	
Spontaneous BPM	BPM		Flow, L/min	20	
FiO2	%		Flow, L/min	20	
Static DeltaV/DeltaP	L/cmH2O		Flow, L/min	20	
Dynamic DeltaV/DeltaP	L/cmH2O		Flow, L/min	20	
System Temperature	°C		Flow, L/min	20	

Patient 007

Transmitting

ACTIVE

Last Recorded Breath#

11370

ACTIVE

BANGALORE

MODE: SIMV

VT: 300

RR: 10

I:E: 1:1

FiO2: 30

PS: 20



Distinctive Features

- ✓ Unmatched Affordability
- ✓ Unmatched Remote Monitoring
- ✓ Unmatched Ease-of-use
- ✓ No need for Piped Air
- ✓ Works with Oxygen Cylinder or Concentrator
- ✓ 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 (cmH ₂ O)	4 - 15
FiO ₂ (System Managed)	External

Pressure Support Parameter	Range
Support Pressure (cmH ₂ O)	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

