Remote Monitoring

Parameters Measured — Static Information

Parameter	Min	Max	Avg
	27.0	30.0	28.6
	17.0	29.0	27.1
	5.0	5.0	5.0
	384.0	412.0	399.8
	8.0	8.1	8.0
	8.0	8.1	8

Patient 007
Transmitting
ACTIVE ✔
Last Recorded Breath#
11370 ACTIVE

BANGALORE
MODE	VT
SIMV	300

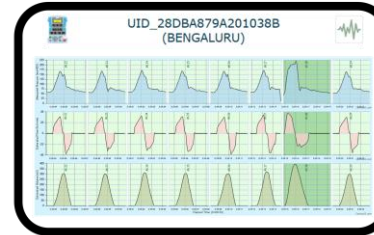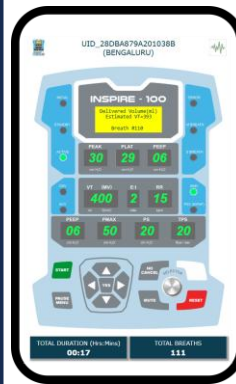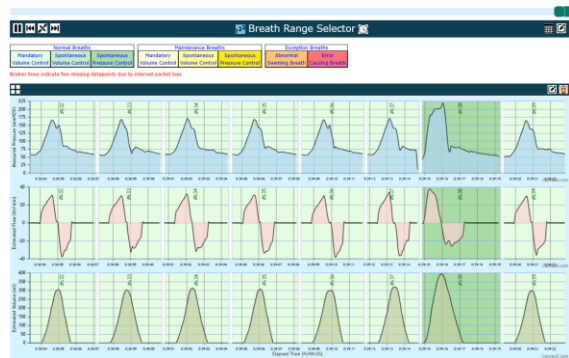| RR	I:E
10	1:1

FiO2	PS
30	20

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

TekMedika

INSPIRE - 100

An Emergency Ventilator

TekMedika Pvt. Ltd.

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 (cmH2O)	4 - 15
FiO2 (System Managed)	External

Pressure Support Parameter	Range
Support Pressure (cmH2O)	5 - 25
Flow Trigger Termination (%)	30 - 50

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

INSPIRE-100
BVM Bag

Humidifier

Reservoir

Oxygen Source

Pressure Lines

NR

Patient Mask or Endotracheal Tube

HEPA/HME

Pressure Connector

PEEP Valve