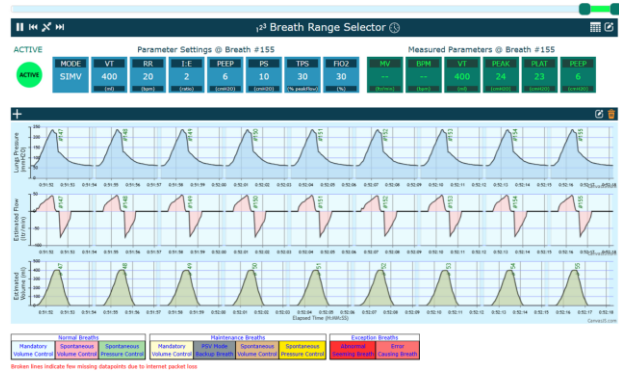
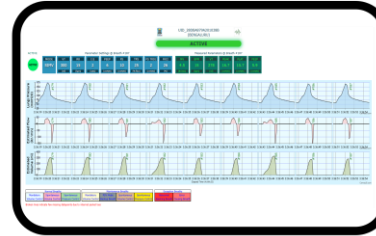


# Remote Monitoring



Parameters Measured			Static Information	
Parameter	Units			
Peak Pressure				
Plateau Pressure				
PEEP Pressure				
Tidal Volume Delivered				
Total Minute Volume				
Mandatory Minute Volume				
Spontaneous Minute Volume				
Mandatory BPM				
Spontaneous BPM				
FiO2				
Static DeltaV/DeltaP				
Dynamic DeltaV/DeltaP				
System Temperature				
Miscellaneous				
	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	8.0	
Information				
Number of Breaths				
Number of Mandatory Breaths				
Number of Spontaneous Breaths				
Number of Maintenance Breaths				
Number of CMV-mode Spontaneous Breaths				
Number of Missing Intervals (Packets)				
Number of WiFi or Server Disconnects				
Number of Notifications				
Number of Warnings				
Number of Errors				



## 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



# INSPIRE - 100

## An Emergency Ventilator

TekMedika Pvt. Ltd.

(12) United States Patent  
Nanda et al.

(10) Patent No.: US 12,465,716 B2  
(45) Date of Patent: Nov. 11, 2025



## 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 (%)	10 - 60

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

