

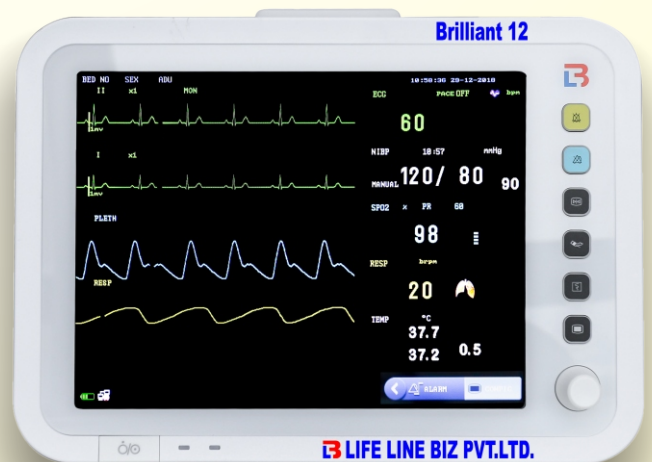


# Brilliant – 12

## Versatile Patient Monitor

ICU ! O.T. ! Transport ! Ward ! keep monitoring where ever you go !

- 12.1 Inch Color TFT Display
- Digital SpO2 – Ensures enhance results while motion art effect, low perfusion
- Optional Nellcor SPO2
- 2 hours Internal Battery Backup
- 8 Waveforms Display
- Graphical Trend
- Wired CMS/ Optional Wireless CMS\*
- Upgradable Platform Option IBP (Dual), EtCO2



**Patient Range:** Adult/Pediatric/Neonate

**ECG:**

Lead Type -5 Lead/3 Lead  
Lead- RA,LA,LL,RL,V  
ECG Waveform- 7 Lead Simultaneous,  
Gain Selection- 250,500,1000,2000  
Sweep Speed-25,50

**HR Range-**

Adult-15-300 BPM  
Neonate/Ped-15-350 BPM

**Accuracy:**

+/- 1% Or 1 BPM,The Larger Prevails  
Bandwidth- Diagnostic Mode-0.05-130 Hz  
Monitoring Mode-0.5-40 Hz  
Operation Mode-1-20Hz

**CMRR--**

Diagnostic Mode >90dB  
Monitoring Mode >100dB  
Operation Mode >100dB

**Calibration Signal**

1mv(Peak to peak value),Precision +/-5%

**RESPIRATION:**

Method: Impedance  
Measurement range-: Adult: 0-120 BrPM  
Pediatric/Neonate: 0-150 BrPM  
Resolution: 1BrPM  
Accuracy +/- 2 BrPM

**NIBP:**

Measurement Type- Pulse Wave Oscillometry  
Mode- Manual/ Automatic/Stat

**Auto Measurement Time**

1/2/3/4/5/10/15/30/60/90/120/180/240/480 Minutes

Unit- mmHg

**Measurement Range**

Adult-Systolic Blood Pressure-40-270 mmHg  
Diastolic Blood Pressure-10-215 mmHg  
Mean Blood Pressure-20-235 mmHg

**Pediatric**

Systolic Blood Pressure-40-200 mmHg  
Diastolic Blood Pressure-10-150mmHg  
Mean Blood Pressure-20-165 mmHg

**Neonate**

Systolic Blood Pressure-40-135 mmHg  
Diastolic Blood Pressure-10-100 mmHg  
Mean Blood Pressure-20-110 mmHg

**NIBP :** Pressure-0-300 mmHg

**Over Pressure Protection**

Adult-300 mmHg  
Pediatric-240 mmHg  
Neonate-150 mmHg

**SpO2 Specification**

Measurement range-0-100%  
Resolution-1%  
Accuracy-70-100%:+/- 2 Digit  
PR Range-20-300 BPM  
PR Accuracy: +/- 3 BPM

**TEMPERATURE**

Channel- 2 Channel  
Measurement range-0-50 Deg C  
Resolution-0.1Deg C  
Accuracy-0.1 Deg  
Unit- C/F

**Option**

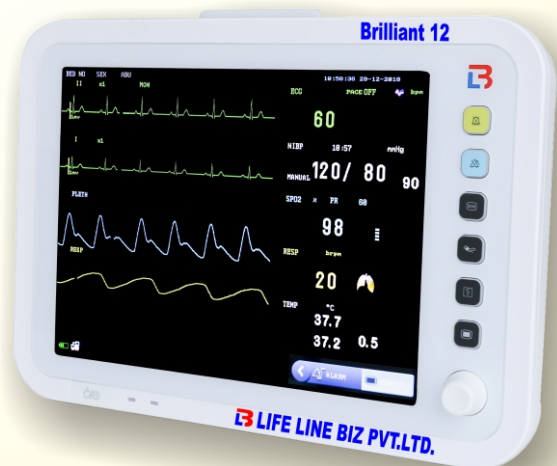
IBP Dual  
EtCo2  
Nellcor SpO2

**Physical Specifications:**

- Dimension – 303x160x287 mm
- Weight – 3.23 kg including battery

**Operating:**

- Power – 100-240 VAC, 50/60 Hz
- Consumption – 70 VA
- Battery – 4000 mA Lithium Rechargeable Battery
- Backup Time – More than 60 Mins with fully charged battery @ 30 min NIBP interval
- Recharge time less than 6 Hours
- Display – 12.1 Inch Color TFT 800\*600 Resolution
- Waveform – 8 waveforms



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Plot No 9/10, MahaGujarat Industrial Estate,  
Opp. Daxal Cosmetics, B/H Gaay Chaap Besan,  
Moraiya Ahmedabad-382213 India.  
Tel. +91 93278 88333 / 9328888994  
www.lifelinebiz.com | Email - info@lifelinebiz.com