

Allengers

Passion for excellence



Brio
Multipara Monitor



User Friendly
 Ease of Operation

BRIO

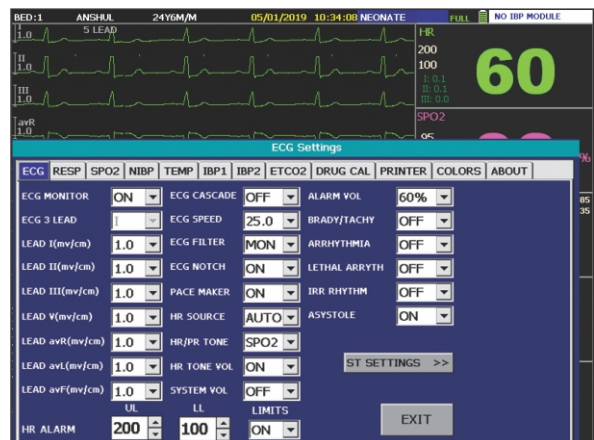
Allengers Brio, offers a wide range of options for continuous monitoring of patient care with its compact portable design and central monitoring station.

FEATURES

- 12.1" coloured display with touch.
- Upto 12 wave form display.
- 1000 NIBP reading storage.
- Easily differentiate critical, intermediate and advisory alarms with different tone.
- Colour coded rectangle flash on screen for different alarms.
- 3 different views : near view, far view, only para view with night mode.
- Software upgradeable at client site with USB.

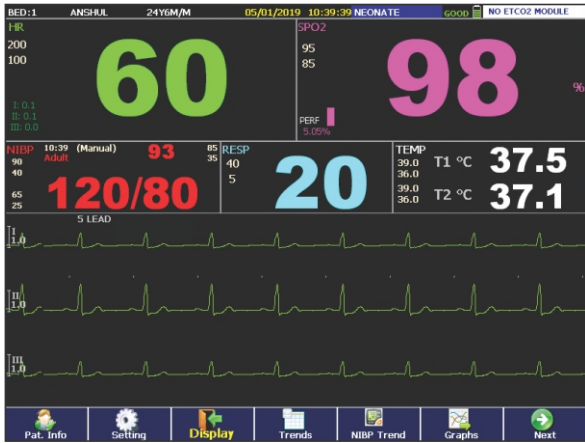


24 hr. full wave form disclosure storage
 of ECG and SPO2



Single touch
 to access the master settings

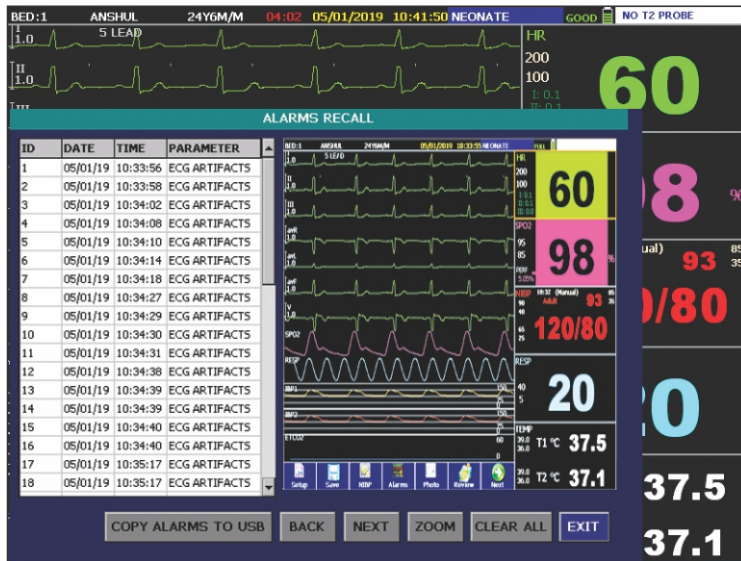
Far View



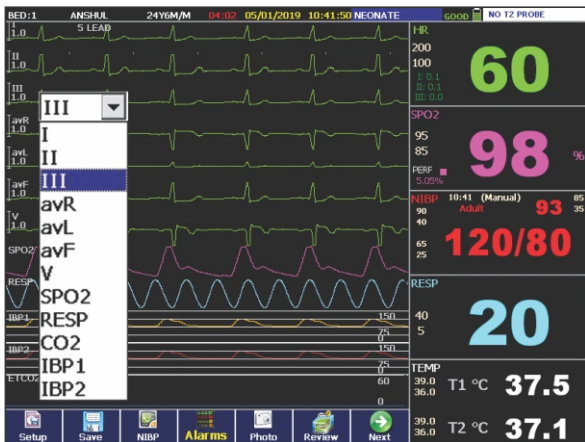
Parameter View



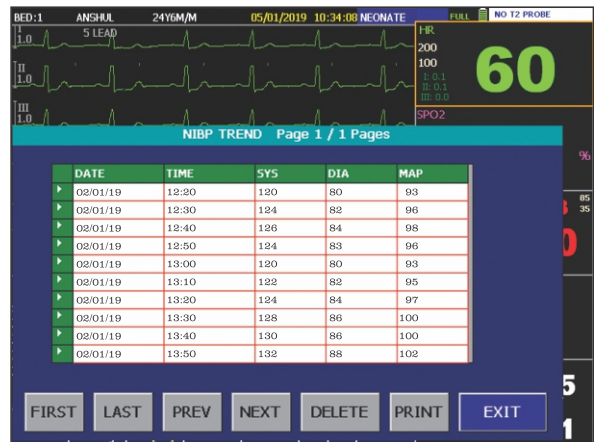
Different types of display mode which can easily visible from distance



Alarms recalls with zoom and transfer to USB



Select any lead on main screen with single click



1000 NIBP trends storage with highlights of alarm limits



SALIENT FEATURES

- 20 days / 480 hrs. trends storage and graphical trends.
- 1000 alarms snapshot with zoom facility.
- External USB drive transfer 1000 alarms snapshot for view on PC and A4 printing.
- 24 hr. full waveform disclosure storage of ECG, SPO2 with automatic replay option.
- Highlights alarm limits value in trend table with respective colour as of wave.
- Wave form colour option for all parameters.
- Photo button option in review data and on main display to capture the screen shots of live data.
- Optional : Thermal printer and CMS.



Default connectivity of PEN Drive and external VGA

Time	HR	O2	RR	T1	T2	SYF1	DIA1	MAP1	SYF2	DIA2	MAP2	ETCO2	ECO2
12:50	72	100	20	36	37	120	80	92	40	20	28	36	0
12:50	72	100	22	36	37	121	82	96	42	22	28	37	0
12:50	74	100	20	36	37	120	84	98	41	20	27	36	0
12:50	78	98	19	36	37	121	83	96	40	22	28	38	0
13:00	76	98	18	36	37	122	80	93	41	22	28	39	0
13:10	80	98	18	36	37	122	82	95	42	20	27	40	0
13:20	72	99	18	36	37	120	80	97	40	22	28	40	0
13:30	78	99	20	36	37	121	82	100	40	20	26	40	0
13:40	78	99	20	36	37	120	84	100	40	20	26	40	0
13:50	76	99	20	36	37	121	83	102	40	22	28	39	0
14:00	70	98	20	36	37	122	80	100	41	22	28	39	0
14:10	68	99	22	36	37	122	82	100	41	20	28	38	0
14:20	68	98	22	36	37	120	80	102	41	20	28	37	0
14:30	68	98	22	36	37	121	82	100	41	22	28	37	0
14:40	68	99	22	36	37	120	84	100	41	22	28	37	0
14:50	70	99	22	36	37	121	83	97	42	20	27	37	0
15:00	70	96	22	36	37	122	80	95	42	20	27	36	0
15:10	68	96	19	36	37	122	82	93	42	20	27	37	0
15:20	68	96	19	36	37	121	80	96	42	20	27	37	0
15:30	70	95	21	36	37	122	82	98	41	22	28	37	0
15:40	70	96	21	36	37	122	84	96	41	22	28	36	0
15:50	72	96	21	36	37	120	83	95	41	20	28	37	0

20 days / 480 hrs. trends storage

PARAMETERS SPECIFICATIONS

Display

Operating System	: Win CE based
Display Area	: 12.1"
Resolution	: 800 x 600
Networking	: Two way central nursing station connectivity wired
External Display	: Connectivity to external video display (optional)
Trends	: 1000 readings of NIBP, 480 hrs. for all other parameters and 1000 events recording of alarm condition with waveform
Display Modes	: DEMO mode, Night mode and customize view for selected parameters and waveforms
Alarms	: Both audio and colour coded visual alarms for vital signs (Polyphonic sound for alarms)
USB Storage	: Alarm screen snapshot for review and A4 size printing on PC
Data Storage and Review	: 24 hrs. ECG, SPO2 and respiration storage and review
Waveforms	: Upto 12 waveforms can be displayed at any time. Numeric display includes HR / PR / SPO2 / NIBP with MAP / Resp. / Temperature / IBP / ETCO2
Software Upgrade	: Through USB

ECG

Leads Selection	: I, II, III, aVR, aVL, aVF, V in 5 lead and I, II, III in 3 lead configurations
Sweep Speed	: 6.25, 12.5, 25, 50 mm/sec
ECG Sensitivity	: 2, 1, 0.5, 0.25 mV/cm
Leads Off Detection	: Detected and displayed
Pacemaker Detection	: Yes
Arrhythmia	: Selectable arrhythmia detection
Application	: Adult, Pediatric, neonatal modes
Defibrillator Protection	: Protection against 360 joule discharge and electrostatic potentials

SpO2

Saturation Range	: 0% to 100%
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NIBP

Method	: Automatic Oscillometric
Mode	: Auto : BP measurement at 2, 3, 5, 10, 20, 30, 60 and 120 minutes Manual : Single measurement initiated by NIBP start / stop switch
Stat Mode	: Continuous reading are taken for 5 min.

Respiration

Technique	: Trans-thoracic impedance
Leads	: RA to LL
Apnea Alarm	: 10 to 40 sec.
Display Sweep Speed	: 6.25, 12.5, 25, 50 mm/sec.
Leadoff Detection	: Displayed

Temperature

Channels	: 2 Nos.
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Dual IBP

Channel	: 2 channels
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EtCO2

Method	: Side stream or main stream
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Resolution

Apnea Alarm	: Yes
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Recording System (optional)

Thermal Paper	: Thermal printing
Print Channel	: Single / Dual channel printing

Electrical Specifications

Internal Battery	: Li-ion 10.8V / 11.1V, 5000 / 5200 mAh rechargeable
Charging Time	: Maximum 8 hrs. to full capacity
Battery Backup	: > 4 Hrs.
Operation	: AC operation
AC Mains	: 1, 100 - 240 AC, 50/60 Hz, 1 Amp
Cautery Protection	: Protected against external cautery interference

Mechanical Specifications

Size	: W 345 mm x H 315 mm x D 140 mm
Weight	: < 5kg

ACCESSORIES



5 Lead ECG Cable



Temperature Probe



SPO2 Probe



NIBP Cuff



Water Trap



IBP Transducer Kit

BLAZE-35 HOLMIUM LASER

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APPLICATIONS

Lithotripsy, RIRS (Retrograde Intrarenal Surgery), URS (Ureteroscopy), PCNL (Percutaneous Nephrolithotomy) - Mini perc - Micro perc, Urethrotomy tumor excision, TUIP (Transurethral Incision of small Prostate), Soft tissue surgery



HOLMIUM LASER

ALLENGERS OTHER PRODUCTS

- **CARDIOLOGY** : - Tread Mill Test (TMT) - Electrocardiogram (ECG 3, 6 & 12 CH) - Cathlab Fixed/Mobile
- **NEUROLOGY** : - Electroencephalograph (EEG) - Electromyograph (EMG) - Polysomnograph (PSG)
- **UROLOGY** : - Holmium Laser System - Lithotripter (E.S.W.L.)
- **RADIOLOGY** ■ **ORTHO, GASTRO, NEURO SURGERY & INTERVENTIONAL** ■ **IT SOLUTIONS**

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For detailed technical specifications, please refer to the respective product data sheets / quotation.

Due to continuous product improvements, specifications and appearance are subject to change without prior notice.