

R I C C A R E

Listening is our business

At Huntleigh Healthcare we pride ourselves in the development of high quality and innovative products; however we never under-estimate the importance of listening to our customers.

The success of our fetal monitoring range for over 25 years has been unsurpassed.

Whilst recognised as a major supplier of CTGs worldwide, we are continuously investing in new and improved solutions to meet the changing demands of our customers.

As part of our continuous improvement and development programme we have further enhanced our fetal monitoring range, incorporating changes arising from customer feedback and improved technologies - we are proud to introduce our finest fetal monitor range to date, the BD4000xs Series.

You requested more functionality with flexibility...

We have introduced the 'combo' system comprising the BD4000xs & the Smartsigns® Assist. This not only gives you maternal vital signs monitoring capability, but also uniquely provides follow-through to neonatal monitoring, with the flexibility to use the two units independently where appropriate.

You wanted easier trace interpretation...

We have introduced a new scale format, making it easier to interpret variability & baseline rate, together with enhanced FHR processing software, speeding up start-up time, reducing drop-out time and enhancing variability presentation.

It was perceived by some that its user-friendly compact design, meant that the BD4000 was not rugged enough to survive the tough delivery suite environment.

We have developed the new BD4000xs to ensure that it is robust enough to survive the toughest environments, using the same materials, design criteria and quality control as our world-renowned hand-held Dopplers and ensuring compliance with the toughest international regulatory standards around the world.

Other enhancements include:

- High contrast user interface display with enhanced back-lighting
- Longer lasting, more comfortable, latex-free belts
- US transducer electronics
- Improved trolley
- Long-lead transducer option
- New wall-mount bracket

... and we're still listening...

Fetal Monitor - Product Features	BD4000xs-A	BD4000xs-I
1.5MHz U/S tdr	•	•
External Toco tdr	•	•
Patient Event Marker	•	•
Automatic Fetal Movement Detector	•	•
FECG capability	see note 1	•
IUP capability	see note 1	option
Plain thermal paper pack	•	•
Wide (A4) thermal paper for twins	see note 2	see note 2
High resolution thermal printer	•	•
2x R232 serial port	•	•
Interface to central monitoring	•	•
Digital numeric LED displays	•	•
Clinical event marker/trace annotation facility	•	•
Adjustable rate range alerts	•	•
Mains power	•	•

A range of accessories are available including: carry case, wall bracket and trolley.

All models supplied complete with: gel, latex free belts, mains lead, user manual

Note 1: Available as user upgrade option

Note 2: Wide paper options for twins provides separate scales for each trace

* All units supplied with 1 x US tdr - requires one additional U/S tdr for twins U/S use



Wall mounted option (Long lead transducers available on request)



Trolley showing Combo CTG/VSM system



Carry Case Option

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BD4000XS SERIES



Antepartum and Intrapartum Fetal Monitors

EXCELLENCE IN

The **BD4000xs** series of fetal monitors are the latest in the range of obstetric products that have established Huntleigh Healthcare as a leader in its field. The range includes award-winning & innovative maternity care solutions, from handheld Dopplers through to integrated maternity management systems.

The **BD4000xs** series fetal monitors provide solutions for all areas of fetal monitoring. Using state of the art digital signal processing technology with enhanced FHR performance, the range includes low cost antenatal models, right through to top of the range labour models with a range of options and interface capabilities. This provides the most cost effective and flexible, easy to use, solutions for all your fetal monitoring needs. Its compact size and styling belie its ruggedness and robust design, using the same materials, construction and design expertise as our world-renowned handheld Dopplers.

ERGONOMIC DESIGN

Whilst being both robust and a remarkable performer, it is also an elegant and slim looking system.

SINGLE OR TWIN CHANNEL OPTIONS

Clear visual display of FHR and contractions data and signal quality indicators

INTUITIVE USER INTERACTIVE TEXT DISPLAY

Feature packed including trace annotation, user configurable alerts, fetal movement detection, and data ports all included as standard.

NO COMPROMISE TWINS TRACES

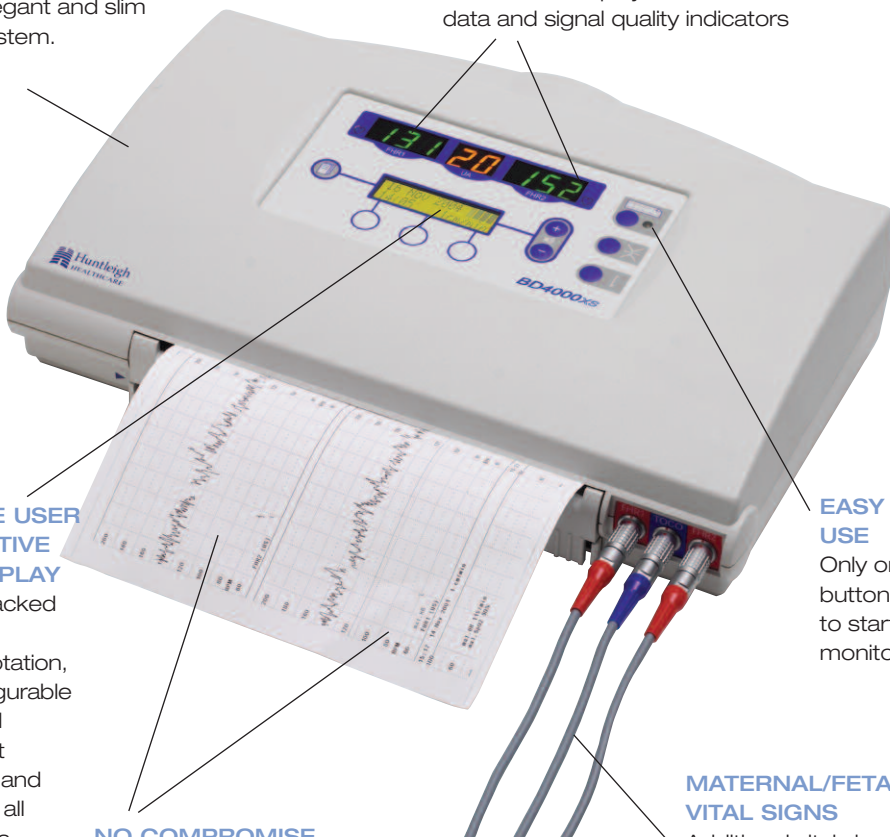
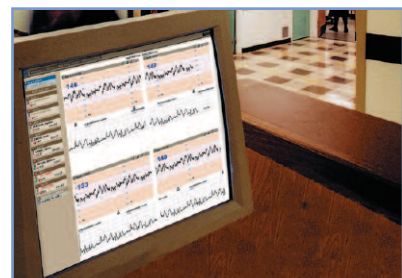
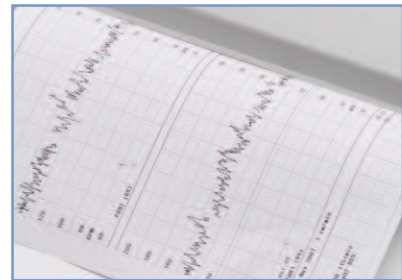
"Dual channel" A4 width printout for unique optimum twins presentation on plain thermal paper for low cost, high accuracy printing (standard format paper can also be used)

EASY TO USE

Only one button press to start monitoring

MATERNAL/FETAL VITAL SIGNS

Additional vital signs data included on the trace*



O B S T E T R I C C A R E

Antepartum

- High specification
- High performance
- Sensitive & comfortable transducers
- Easy to use
- Easy to clean
- Enhanced software for optimum US FHR performance

Intrapartum

- Rugged design
- Enhanced software for optimum FECG FHR performance
- All features as per antepartum model plus
- 2 FECG options
- 2 IUP options

Twins - now standard*

- Integrated twins capability for maximum convenience
- Unique no-compromise trace print-out with 2x full-size FHR scales
- Cross-channel verification user alert

Maternal Vital Signs Monitoring (VSM)**

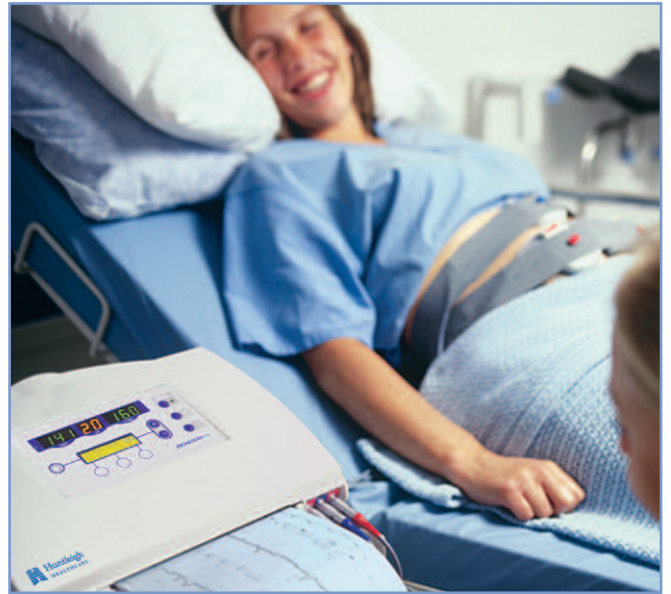
- Cost effective flexible solutions
- Interface to Smartsigns Assist & other VSMs
- Interface to Nellcor FSpO₂ monitors
- All relevant data printed on CTG print-out
- Smartsigns Assist can follow through to provide neonatal monitoring

Doplex Centrale

- Software system with wide range of options:
- Low cost 'paperless CTG' system
- CTG Viewing & Archiving system
- Complete Labour management system
- Interface to hospital information systems
- Tele-fetal monitoring

IUP

- 2 options
- Single use disposable pressure tip catheter
- Re-useable external pressure sensor with fluid-filled catheter
- User selectable print-out scale: mmHg or kPa



Antenatal monitoring

The BD4000xs-A is the entry-level model, ideal for use in antenatal monitoring areas.

When looking for an antenatal fetal monitor, you want a product that's reliable, easy to use & maintain, & provides the best possible quality traces, while remaining within budgetary constraints.

The BD4000xs-A is the answer – its modest price provides one of the highest specification systems of its class on the market - now including twins as standard. Equipped as standard with many features which are normally added-cost options, the BD4000xs-A offers you the most cost-effective and flexible solution to all your antenatal monitoring needs.

You get a range of unique features and benefits including:

- Transducers and patient event marker are included as standard and are supplied complete with latex free belts
- Automatic fetal movement detection with user-adjustable sensitivity
- User customisable high rate, low rate and loss of contact alerts
- Integral trace annotation facility with user-customisable messages
- Plain paper for lower running costs and improved risk management
- Intuitive user interface and controls minimise training overheads
- Unique twins solutions with wide no-compromise trace presentation
- Interface to Vital Signs Monitors for maternal vital signs monitoring
- High resolution printer with high contrast printing



Intrapartum monitoring

The BD4000xs-I is the top of the range twins intrapartum model, ideal for use in labour monitoring.

When looking for an intrapartum fetal monitor, you want a rugged & reliable product to withstand the rigours of the 24 hours-a-day labour suite environment, without being too bulky, invasive and getting in the way. It must be easy to use under pressure, easy to clean & maintain and require the minimum of training.

The BD4000xs-I is the perfect solution. Its sleek look and compact size minimise its intrusion into the patient environment, while belying its rugged & robust construction. Using metal connectors & case material proven in the toughest environments, the BD4000xs-I offers the best of both worlds. Coupled with its easy to use, intuitive user interface and controls, the BD4000xs-I has to be the labour monitor of choice.

- Includes all the standard features of the antepartum BD4000xs-A model
- High performance software, with the high sensitivity transducer, provide excellent Fetal Heart Rate performance
- Support for the new 'safe' connector style fetal scalp electrodes
- Options for intra-uterine pressure monitoring: external sensor with fluid-filled catheter or single-use pressure tip catheters
- Unique twins solutions with wide 'no-compromise' trace presentation
- Dual data ports for connection to software systems and external monitors
- Flexible, cost-effective feto-maternal monitoring via interface to vital signs monitor