

GE Healthcare

Corometrics* 170 Series Fetal Monitors

A Powerful Solution for a Full Range of Antepartum Applications



Improved obstetric outcomes start with accurate assessments

For more than three decades, Corometrics fetal monitors have been helping clinicians improve the standard of obstetric care. Part of our complete family of powerful fetal monitors, Corometrics 170 Series monitors are designed to provide the information you need to make quick, accurate and cost-effective clinical assessments. These compact and lightweight monitors are designed for antepartum applications in the office and hospital.

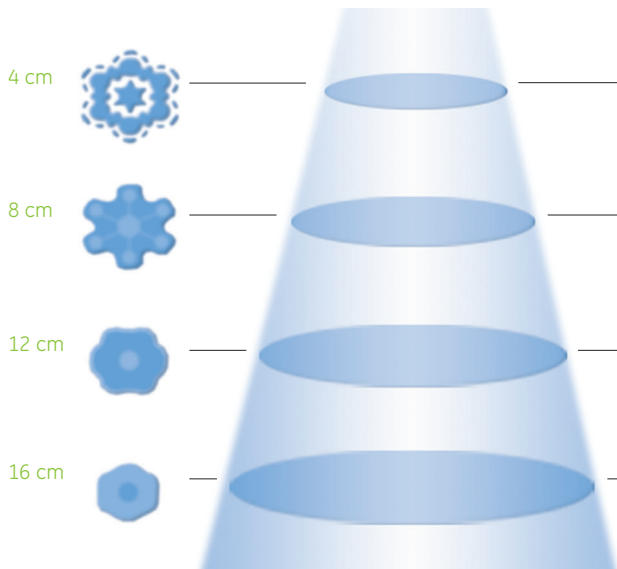
- **Dual, 9-crystal Nautilus™ watertight ultrasound** transducer permits external monitoring of twins using technology that minimizes the need for repositioning.
- **Independent volume controls** facilitate easy transducer placement.
- **Nautilus watertight toco transducer** permits quick, external acquisition of uterine activity. Its flat-surface design means it won't leave a mark on your patient.
- **Heart rate offset mode** helps make it easy to visually distinguish between the heart rates of twins by allowing you to offset the secondary FHR by +20BPM.
- **Heartbeat coincidence recognition** provides visual and audible indications when it detects synchronous fetal or maternal heart-rate signals, indicating that you may be monitoring a duplicate signal.
- **Remote event marker** helps make it easy to annotate perceived Fetal Movements (FM) or other events on the strip chart.
- Easy-to-load **Z-fold paper** stacks itself neatly upon exiting the recorder, facilitating easy storage.
- Optional **fetal movement detection algorithm** automatically senses gross fetal movement and annotates its occurrence on the strip chart.
- **Fetal heart rate alarm** provides both audible and visual alerts if the heart rate is outside of the user-defined high/low range.
- Built-in **dual digital interface** seamlessly connects the monitor to a Clinical Information System as well as to selected external monitors – such as DINAMAP® non-invasive blood pressure monitors or maternal SpO₂ and FSpO₂ monitors.
- **Telemetry interface** enables ambulatory monitoring while continuing surveillance. Used with the Nautilus watertight ultrasound and toco transducers, monitoring can even continue during hydrotherapy.
- **Large, easy-to-read display** clearly presents information on fetal heart rate and uterine activity.



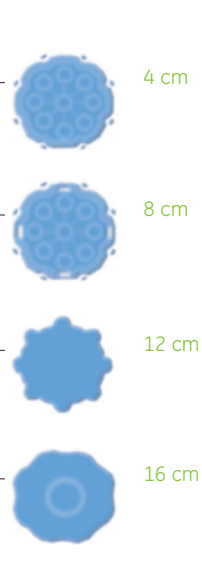
Corometrics 170 Series Monitors are Equipped with Innovative 9-Crystal Ultrasound Transducers – a GE Exclusive.

This capability helps ensure superior signal quality by maintaining a uniform beam pattern throughout its depth of penetration, thus minimizing the need for repositioning. A powerful clinical advantage is gained to assist you in challenging cases such as a preterm fetus or obese mother.

Conventional Design



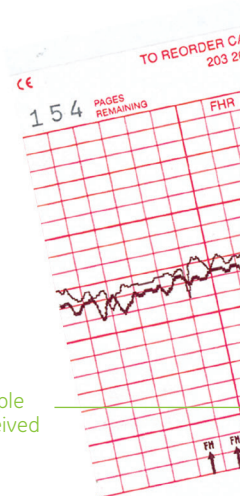
9-Crystal Design



At greater depths, a conventional 7-crystal transducer has a narrower focal region.

Corometrics' 9-Crystal transducer achieves a wider focal region for more uniform coverage at greater depths.

Remote event marker for simple annotation of maternal-perceived fetal movements.

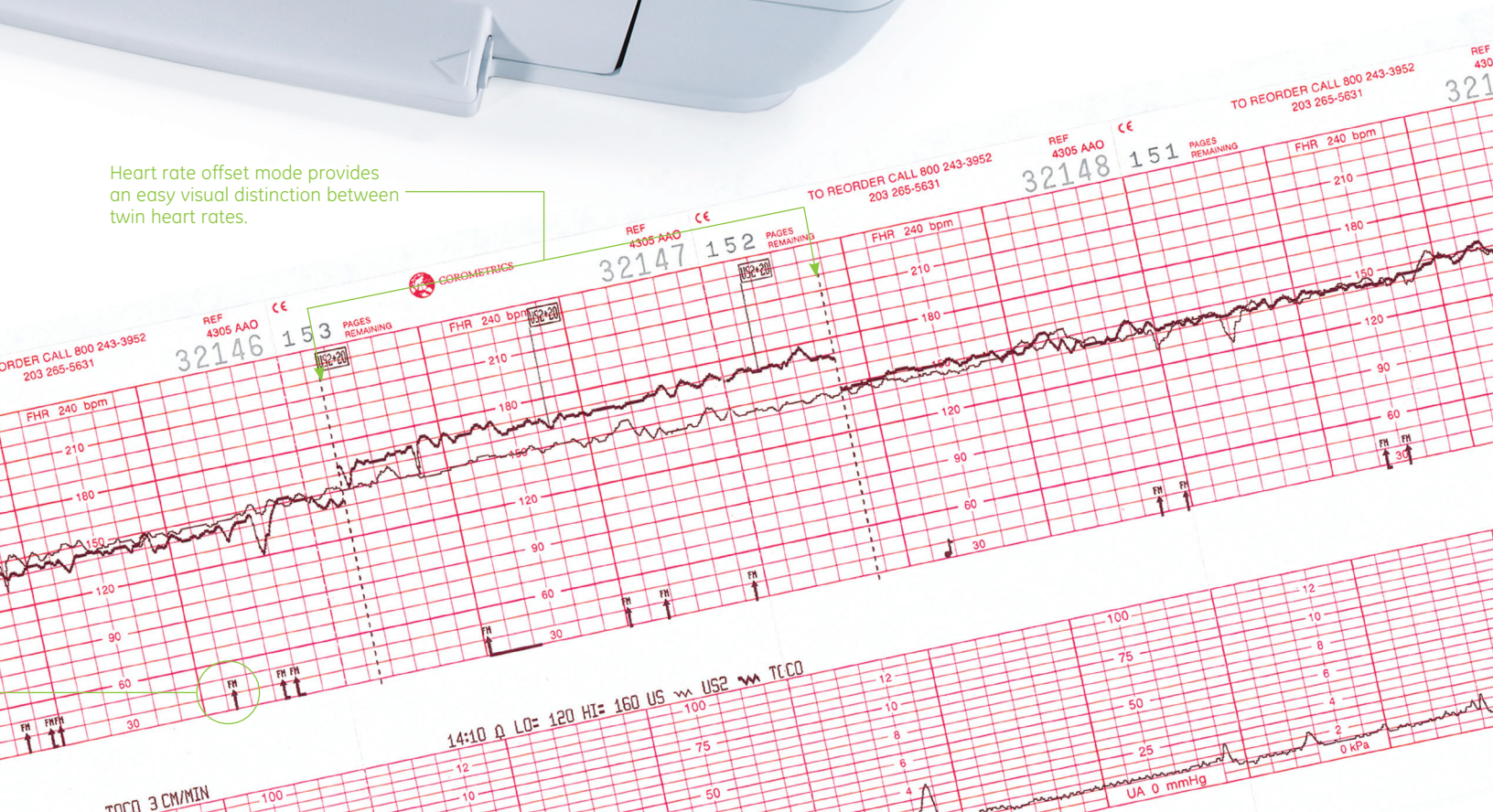




COROMETRICS 170 SERIES FEATURES	171	172
9-crystal Nautilus Watertight Ultrasound Transducers	Single	Dual
Fetal Heart-Rate Alarm	X	X
Heart Rate Offset Mode		X
Heart Beat Coincidence		X
Nautilus Watertight Toco Transducer	X	X
Remote Event Marker	X	X
Centricity QS Interface	X	X
340M Telemetry Interface	X	
OPTIONAL FEATURES	171	172
Fetal Acoustic Stimulator (innovative interface)	X	X
Fetal Movement Detection Algorithm	X	X

Corometrics models 173 and 174 also feature IUPC and Fetal ECG capabilities.

Heart rate offset mode provides an easy visual distinction between twin heart rates.





With our **mobile roll stand** you can take the monitor and all the necessary supplies wherever they are needed.



The optional **Fetal Acoustic Stimulator (FAST)** uses low-frequency vibro-acoustic stimuli (VAS) to “wake” the fetus, increasing the efficiency of antepartum testing and improving retest consistency. VAS is indicated with a musical note on the strip.



Every last detail

When it comes to delivering technology to optimize care for your obstetric patients, GE Healthcare offers numerous clinical solutions.

It starts with a complete family of perinatal systems, including ultrasound imaging devices, fetal and maternal monitoring units, and perinatal clinical information systems.

It continues with a full range of perinatal supplies and accessories, from spiral electrodes and intrauterine pressure catheters to monitoring cables and chart paper – all developed and validated to help ensure that your GE equipment will continue to operate at the highest performance levels.

Even after delivery GE's commitment to your patients' health continues with a full range of post-delivery monitoring systems as well as neonatal and women's healthcare products.

Bottom line: unprecedented single-source convenience, reliability and value for uncompromising patient care throughout the childbearing continuum.



GE Healthcare

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imagination at work

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