

Fetal Ultrasound Training Phantoms

Model 065-20 & 065-36



DEMONSTRATE MULTI-DIMENSIONAL ULTRASOUND

CIRS Model 065-20 and 065-36 Fetal Ultrasound Phantoms provide a tissue-equivalent and anatomically appropriate model for ultrasonic surface scanning of fetal morphology, enable training and optimization of freehand acquisition techniques, and demonstrate and evaluate manual and automatic 3D ultrasound systems. These phantoms are a low-cost, durable training tool and offer a stress-free user environment.

Both the fetal model and the non-echoic “amniotic fluid” it is suspended in are cast from a tissue-equivalent, elastic non-flowing gel. The phantoms realistically mimic fetus size at two gestational ages: 20 weeks (Model 065-20) and 36 weeks (Model 065-36).

Model 065-20 and Model 065-36 include a nylon transducer cover, user guide and six-month warranty. An optional custom carry case is also available for both models.

Features

- Demonstrate system capabilities
- Teach imaging protocols to estimate gestational age
- Practice 2D, 3D & 4D fetal scan techniques
- Gain competency in performing prenatal ultrasound



3D image from 20-week model



3D image from 36-week model

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CIRS
Tissue Simulation & Phantom Technology



2D Abdominal Profile of Model 065-36



2D Facial Profile of Model 065-36

SPECIFICATIONS

| | MODEL 065-20 | MODEL 065-36 |
|-----------------------------|--|--|
| DIMENSIONS | 34.3 cm x 22.9 cm x 17.8 cm (13.5" x 9" x 7") | 41 cm x 23 cm x 23 cm (16.1" x 9.1" x 9.1") |
| PHANTOM WEIGHT | 7.5 kg (20 lbs.) | 15.8 kg (42 lbs.) |
| HOUSING MATERIALS | PVC, ABS & Vinyl | |
| PHANTOM MATERIALS | Proprietary Gels | |
| BACKGROUND GEL | Attenuation: <0.10 dB/cm-MHz Speed of Sound: 1550 m/s Contrast: Anechoic | |
| FETAL SOFT TISSUE | Attenuation: 0.55 dB/cm-MHz Speed of Sound: 1540 m/s Contrast: Similar to liver parenchyma | |
| FIELD OF VIEW | 23 cm x 17 cm x 180°C | 20 cm x 30 cm x 180°C |
| OPTIONAL ACCESSORIES | Model 9505: Custom Carry Case for Full Fetal Phantom- 20 weeks | Model 9504: Custom Carry Case for Full Fetal Phantom- 36 weeks |
| PHANTOMS INCLUDE | Fetal Ultrasound Training Phantom Nylon Transducer Cover User Guide 12-Month Warranty* | |

*Please note: once any device has been inserted into the phantom (such as biopsy needles, localization wires, etc.) the 12 month warranty will not cover claims related to material desiccation or needle tracking.