Fetal Ultrasound Training Phantoms

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, elastometric 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

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 (6.4" x 3.6" x 3.6")
PHANTOM WEIGHT	7.5 kg (20 lbs.)	15.8 kg (42 lbs.)
HOUSING MATERIALS	PVC, ABS & Vinyl	
PHANTOM MATERIALS	Proprietary Gels	
BACKGROUND GEL	Background Medium 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: Simliar 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 Six-Month Warranty	