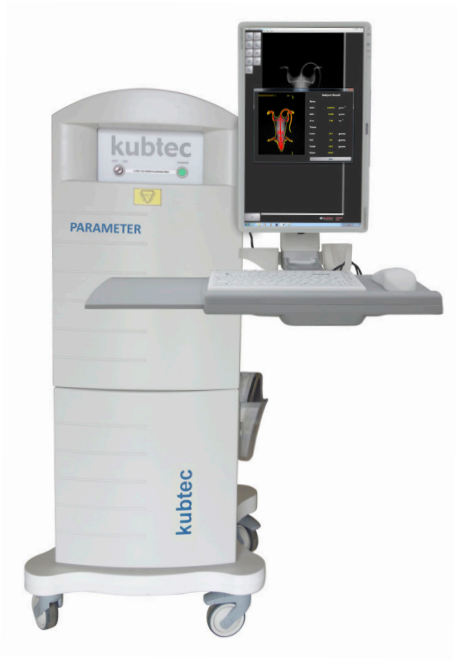
The DIGIMUS® Software enables our high-resolution X-ray imaging systems to measure BMD and Body Composition in Rodents and other small animals. BMD can be obtained using either DXA, or in cases where radiation exposure is a concern (such as longitudinal studies) by SEXA.

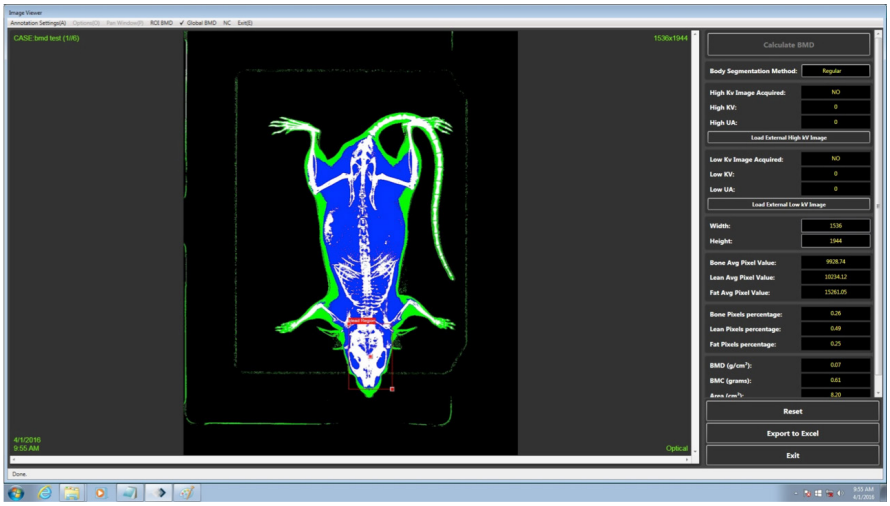


The DIGIMUS®

BMD and Body Composition Software

The DIGIMUS BMD and Body Composition Software Features:

- Global and Region of Interest BMD and Body Composition by DXA
- Dual Energy (DXA) BMD (ROI and Global) and Body Composition
- Longitudinal BMD studies with reduced radiation using proprietary SXA method
- Small focal spot X-ray source and adjustable sample positioning
- Superior worldwide technical support and service
- Bench-top or tower configurations available
- Wide range of detectors, sources, and other customizations available
- Removal of surgical pins, wound closure clips and ear-tags from Global measurements.
- Adjustable skull exclusion area - removal of nose-cone signals.



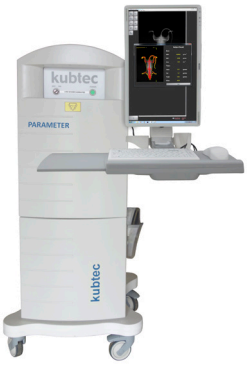
Global BMD measurement

KUBTEC SCIENTIFIC

The DIGIMUS®

BMD and Body Composition Software

The DIGIMUS® Software is available on a variety of KUBTEC® X-ray imaging platforms:



PARAMETER™
Cabinet X-ray System

PARAMETER™ 3D
Tomosynthesis System

The DIGIMUS® Software + PARAMETER™ System Specs

Tube Energy	10-50 kVp
Tube Current	1.0mA
Tube Window Filtration	0.005” beryllium
Beam Filtration	0.02” (0.5 mm) Aluminum available as added filter
Film Coverage	10” x 12” (25cm x 30cm)
Power	90-250 VAC, 50/60Hz, 500VA
Size w/o cart	21” w x 23” d x 29” h (54cm w x 59cm d x 74cm h)
Size w/ cart	23” w x 23” d x 50” h (59cm w x 59cm d x 130cm h)
Weight w/o cart	150 lbs (68kg)
Weight w/ cart	250 lbs (113kg)
Detector Size	5” x 6” (12cm x 15cm)
Detector Resolution	49.5 micron, contact mode
Automatic System Calibration	Yes
Automatic Exposure Control	Yes / Manual and Preset capabilities also included

KUBTEC SCIENTIFIC

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ANIMA LAB
animal facility and laboratory equipment • animal research models

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