

iNSiGHT

Fully shielded DXA system for body composition analysis in preclinical research models



Specifications

DXA (Dual energy X-ray Absorptiometry)

- **Maximum Field of View:** 253 x 317 mm
- **DXA Scan Area:** 165 x 255 mm expandable to 253 x 317 mm
- **Models:** Designed for *in vivo* imaging of small animals including mice, rats, and similarly sized species up to 500g; *ex vivo* samples may also be imaged
- **Measurement parameters:** BMD, BMC, Fat(g), Fat (%), Lean (g), Lean (%), linear measurements (mm)
- **Scan time:** 25 Sec.
- **Detector:** High resolution DR flat-panel detector
- **Resolution:** 100 um 1.2x magnification used for DXA imaging
- **In vitro Reproducibility:** $\leq 0.7\%$
- **BMD Reproducibility:** $\leq 1.0\%$
- **Fat Reproducibility:** $\leq 1.0\%$



Dimensions & Weight

Dimensions: 660 (W) x 581 (D) x 1127 (H) mm

Weight: 260 kg

