



The **Bruker SkyScan 1178**

is a fast micro-CT scanner with a scanning + reconstruction cycle of less than one minute for the entire volume. Static object position facilitates in-vivo scanning of laboratory animals. Animal beds for rats and mice made of carbon fiber are supplied on an interchangeable holder to combine with PET, SPECT, and bioluminescence. A physiological monitoring subsystem can measure breathing and heartbeat in real time while also providing signals for gated acquisition. The full range of SkyScan software is supplied, including fast volumetric reconstruction, software for 2D / 3D quantitative analysis and for realistic 3D visualization