

CT Lab HX Compact X-ray microtomography

The CT Lab HX is a compact and versatile computed tomography system suitable for a wide range of sample types and required measurement conditions. It's ideal for applications in materials and life science R&D, failure analysis, and manufacturing quality control.

CT Lab HX

- ✓ Compact Benchtop design
- ✓ 130 kV, 39 W high-power X-ray source
- ✓ Large field of view (max. 200 mm diameter)
- ✓ High-resolution (max. 2.1 μm voxel resolution)
- ✓ High speed scan (max. 18 seconds/ scan)
- ✓ Easy- to use software



APPLICATIONS:

Non-destructive testing of a variety of samples

Scanning with flexible FOVs

High-resolution CT scans

High energy scans for dense materials

Lower energy scans for organic materials

Please have a look at the video to get a first impression for CT Lab HX applications



[Watch Video >](#)



SPECIFICATIONS:

- High-speed and **high-resolution** X-ray Computed Tomography (XCT)
- **Wide variety of samples** including electronic devices, batteries, printed circuit boards, aluminum casted parts, pharmaceutical products, medical devices, and bones.
- Compact benchtop design **saves lab space** and **energy consumption**
- Scan time takes **only 18 seconds** at the top speed
- The **pixel size is 2.2 μm** at the highest resolution setting
- **Large field of view (FOV)** can be scanned at **high resolution**