

3D X-ray Micro-Tomography

This scanner is ideal for non-destructive testing, materials evaluations and dimensional measurement, especially in internal structures:

- 1) **Model** : Procon X-ray GmbH. It is a table-top system and micro-CT scanner with a small footprint for *non-destructive* study of solid material including plastics, ceramics and new materials.
- 2) Resolution is from 7 μm to 60 μm , depends on the size of sample. Maximum possible size for 3D scan is 12 cm * 12 cm * X.
- 3) **Charges for IIT Kanpur faculty, students, and staff:** ₹3000 per sample.
- 4) **Charges for external users (single sample):** ₹4000 + 18 % GST per sample.
- 5) **Charges for external users (two or more samples):** ₹3000 + 18 % GST per sample.

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Few scanned samples:





