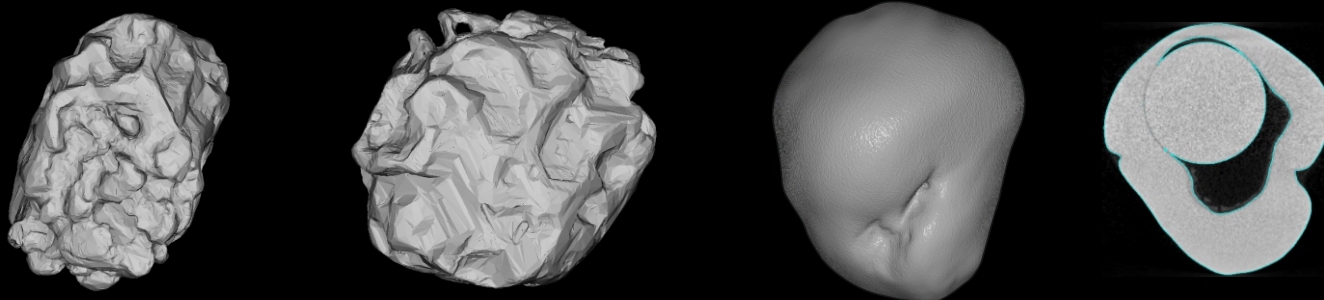


## 3D X-Ray Microtomography for Everyone



The desktop SKYSCAN 1275 is a real 3D X-ray microscopy power pack, designed for fast scanning of a wide range of samples. Thanks to the compact geometry and fast flat-panel detector the time to result can be as short as a few minutes. Just ideal for Scanning, QC and production monitoring.

Just insert a sample, manually or automatically and get a complete 3D volume without any further interaction.

SKYSCAN 1275 is complemented by 3D.SUITE. This extensive software suite covers GPU-accelerated reconstruction, 2D/ 3D morphological analysis, as well as surface and volume rendering visualization.

### Salient Features

- Completely automatic operation. No dependency on operator's skill
- Very Precise narrow cavity/open crack measurement.
- Resolution as high as 0.005 mm
- Automatic QC for solid components up to a size of Dia 120 mm x 90 mm
- Very Precise estimation for rough diamond planning, due to precise external 3D model
- The only solution to control cost of planning LGDs
- The only scanner to scan diamond size above 45 mm size
- Only inspection system to check internal voids
- Important scanner to test natural pearls and other gem stones
- Validation of external and internal dimensions, with direct comparison with CAD models