

# CT IQ Analysis

**Automated QA for  
IBA Dosimetry's CT-IQ Phantom**

**CT IQ Analysis** is a comprehensive software solution for ensuring CT image quality through a robust toolkit designed for optimal utilization of IBA Dosimetry's CT-IQ phantom. Operating on a cloud-based platform, **CT IQ Analysis** provides simplicity, cost-effectiveness, and remote accessibility. Featuring integrated automated image analysis supporting various QA protocols, **CT IQ Analysis** boosts efficiency and offers a user-friendly configuration with a highly scalable system. This combination of features enables fast adaptation to evolving requirements and seamless operational readiness within days.

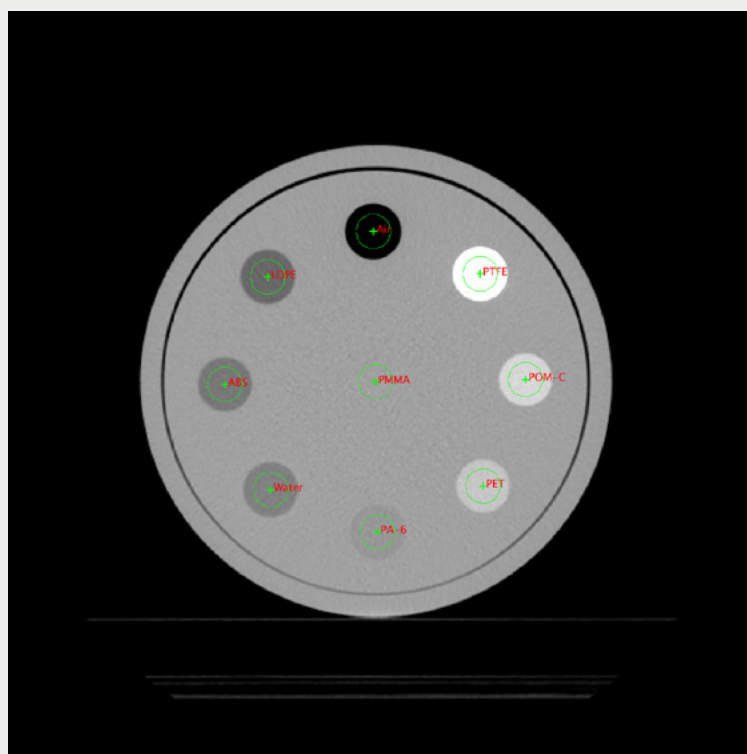
## Features

- Fully automated
- Web-based
- Includes support for up to 10 user-defined Computer Tomography systems
- Multiple user accounts for specific user access
- Customizable test templates
- Automatic email notification

## Support Tests

- Geometric distortion
- CT number (HU) measurement
- Noise / Uniformity
- Artefacts
- MTF (Modulation Transfer Function)
- SSP (Slice Sensitivity Profile)
- LSF (Line Spread Function)
- PSF (Point Spread Function)
- CNR (Contrast-to-Noise Ratio)
- Spatial resolution
- Spatial resolution in Z dimension
- Contrast resolution
- Low contrast resolution
- Slice profile
- Alignment
- Linearity
- Beamwidth

CT IQ: Sensitometry Module



## Image Owl

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