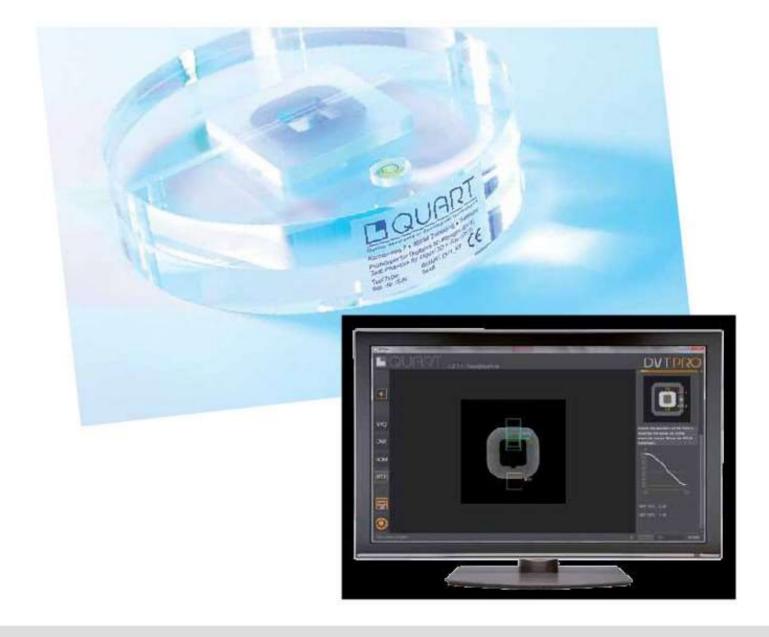
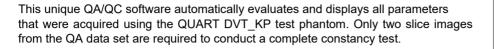


QUART DVT\_PRO

## **CBCT** Image Quality Assurance Software



QUART DVT\_PRO CBCT Constancy Test Software



Unique in kind, the DVT\_PRO software automatically calculates image related parameters to assure a constant image quality of the imaging system. After equipment installation, a set of baseline values is established. In any subsequent constancy test the software will automatically check and verify if the test results coincide with the baseline within a certain tolerance margin as per DIN standard. The DVT\_PRO software is

· DIN 6868-15 compliant for constancy tests.

Despite its technical character, the software is easy to use. It provides a walkthrough function which assists users in carrying out the QC procedure.

The QUART DVT\_PRO stores the result of each single test in its internal data bank. In addition, a Protocol print-out function is provided for matters of documentation (obligatory hardcopy) or general reference.

**Test Parameters** 

- \_ Nyquist Frequency (NF)
- \_ Contrast-to-Noise Ratio (CNR)
- \_ Homogeneity / Image Uniformity
- \_ Modulation Transfer Function (MTF) at 10% & 50% modulation \_

Artefacts, Image Flaws, etc.

\_ Additional QA/QC related tests such as Geometry test, etc. to be conducted in an external DICOM viewer

**General Features** 

- \_ One-click fully automated image evaluation
- \_ Data import enabled from QUART DVT\_TEC to increase work flow efficiency \_

Quick and easy server registration for end-users available 24/7

\_ Developed for ease-of-use











