

JUST ONE TOUCH TO CHOOSE YOUR OPTIMAL CT SCAN



GEMINY

**MORE THAN MOTION
1 SOFTWARE – 8 TRAJECTORIES**



GEMINY

THE INNOVATIVE YXLON SOFTWARE PLATFORM FOR COMPUTED TOMOGRAPHY SYSTEMS

Geminy is the intuitive software platform of Yxlon CT systems which is based on graphical symbols and for the first time combines the operation of all programs involved. The integration of utilities and interfaces to the imaging and the reconstruction software provide workflows without interruptions beyond the pure CT scans. CT systems based on Geminy are furnished with a minimum of two monitors to allow for a structured overview and easy operation.

WHAT'S NEW WITH SOFTWARE RELEASE 1.5

- New detector with active area of 430 mm x 430 mm for a large field of view at normal circular scan
- CsI scintillator for high resolution and high efficiency
- Special tool for the separation of components at multi-part inspection
- Integrated software tools from third-party providers like CERA, GOM or VGStudio
- Automated MPE check sequence
- New reconstruction correction like metal artefact correction and scatter reduction
- Additional trajectories for even more flexibility (varies by system)



JUST ONE TOUCH TO CHOOSE THE OPTIMAL CT SCAN

Quality Circular Scan and Quick Circular Scan: Select the standard circular scan as quality or quick scan with variable number of projections, rotation angles and exposure time. With quality scan you can also specify the number of pictures per projection. This allows for improvement of the signal-noise ratio.

Fanbeam Circular Scan: With fanbeam scan technique, the circular scans are effected slice by slice.

HeliExtend and HeliExtend Dual: Helical CT is the innovative method to dramatically increase image quality, specifically related to tall objects, optimal detail detectability is achieved. HeliExtend Dual is the combination of helical CT and offset scan.

ScanExtend: By means of the offset scan method where the rotation axis is moved toward the edge of the cone beam, a horizontal field-of-view extension of factor 2 can be achieved.

Quality and Quick ScanExtend Vertical: A 3D volume of a tall object is automatically created through various circular scans in various heights.