





## Y.CT Modular for flexible requirements

Modular configurable setup of the CT system, all modules can be retrofitted. Trouble-free adaptation to operational inspection tasks. Allows a very wide range of inspection tasks and inspection items in one CT system.

Well suited for test- and measurement tasks with cast parts, composite materials, electronics components. Capture of the internal and external geometry dimensions from smallest to medium inspection item from electronic connectors to cylinder heads.

Inspection envelope: 620 mm diameter, 600 mm height

Optional: Micro- and Macrofocus X-ray tube

Optional: Line Detector Array and Flat Panel



## Y.CT Tire around tire and rims

Reached the comprehensive international palette of tire and rims types. Consideration of complete voluminous tires possible. Comprised of a special tire constraining unit for investigations of the tire under pressure.

Suitable for the display of different rubber layers in the tire and the seat of the tire on the rim. Application in research and development as well as quality control of new tire types. Easy use of the tires by a pallet system.

Inspection envelope: up to 2,000 mm tire diameter

X-ray source: 450 kV or 2.5 – 6 MeV linear accelerator



## Y.CT Upgrade for a radiographic system

Opens the door to the advantages of CT Technology. The Upgrade offers a combination of radiographic system and CT with concurrent use of the present radioscopic inspection. The system is retrofit in an existing system and is optimized for use with an YXLON MU2000.

Processes same measurement tasks as radioscopy testing such as material testing like blowholes and porosity in casting parts. Provides high measurement security by added value of information and a 100 % check.

Includes all inspection items of the present inspection spectrum

Operation of CT functionality by the same test staff possibly

Quick and easy installation on production site



## Customized solutions

System components are freely configurable. Adaptation from the CT system to operational test and measurement tasks. Technical data will be optimized for the spectrum of inspection items.

Suitable for all X-ray absorbent materials.

X-ray sources from 225 kV Microfocus up to 9 MeV linear accelerator

Different type of Line Detector Array and Flat Panel

Specifiable manipulator precise to  $\pm 5.0 \mu\text{m}$  in the Inspection envelope

Adapted radiation protection on the production site

Integration in the operational inspection process and work flow