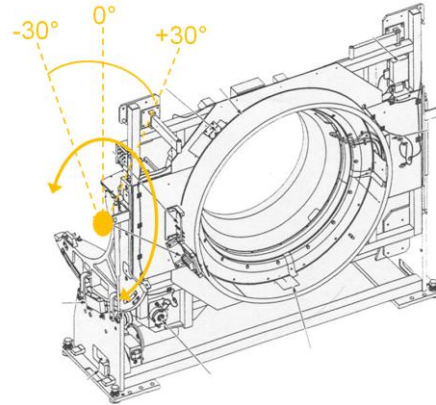


CT SCANNER (COMPUTED TOMOGRAPHY)

**Machine Category:**

CT Scanner (Gantry), Computed Tomography

Industry: Medical Equipment

Country: China

Product Series:

ACS

Specification:

SSI Interface, $\pm 30^\circ$ range, 0.14° accuracy

Competing Technical Solution:

Potentiometer connected to main shaft with a belt

Benefits of Technical Solution

Several parts have been replaced by one part and two production steps have been eliminated. Result: Reduced labor costs, improved safety (potentiometer required movement of gantry for calibration), simplified supply chain.

Reasons For Choosing POSITAL

Preexisting business (encoders), unique solution (SSI interface), Innovative idea (use of inclination sensors unknown before)

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ADDITIONAL INFORMATION

Useful Internet Resources:

<http://www.wikiradiography.com/page/Gantry>

http://en.wikipedia.org/wiki/X-ray_computed_tomography

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