



Pro-CT 500

RaySafe Pro-CT 500/600/700 is a CT quality assurance phantom designed for routine quality control, constancy testing, and acceptance testing in diagnostic CT systems.

Pro-CT Mk II RaySafe Pro-CT

Features	Pro-CT Mk II	RaySafe Pro-CT
Design concept	✖ Classical CT QA phantom	✔ Advanced evolution of Mk II inspired by Catphan® 600 functionality More modern QA approach
Phantom diameter	✖ Larger diameter 22cm	✔ 20 cm diameter Satisfies IEC 61223-3-5:2019, 5.5.2
X-ray penetration	✖ Higher attenuation	✔ Lower attenuation More stable measurements and improved SNR
Standards compatibility	✖ Designed to support CT image quality evaluation methodologies described in AAPM Report No. 39 and AAPM TG-233	✔ Designed to support CT image quality evaluation methodologies described in AAPM Report No. 39 and AAPM TG-233, as well as IEC 61223-3-5:2019 Easier acceptance and audit procedures
Beam hardening influence	✖ Greater influence Reduced beam hardening effect	✔ More accurate image quality evaluation
Low-dose protocol performance	✖ Good	✔ Improved More reliable measurements at low dose
Phantom weight	✖ Heavier	✔ Lighter Easier transport and positioning
Ergonomics	✖ Standard	✔ Improved handling More convenient daily QA workflow
“Beads” module	✖ Not available	✔ Included Fast visual assessment of slice thickness
Internal module architecture	✖ Old layout	✔ Better separation between layers/modules Reduced interaction between structures
Cross-influence between elements	✖ Higher	✔ Reduced Improved measurement accuracy