

QUALITY ASSURANCE FOR COMPUTED TOMOGRAPHY

2-part or 3-part PMMA CTDI head & body phantoms: CATO-2 / CATO-3

Key features:

- 2-part phantom for measurement of Computed Tomography Dose Index in accordance with IEC 61223-2-6, IEC 61223-3-5 and IEC 60601-2-44
- 3-part phantom designed for adult- and pediatric applications in accordance with FDA performance standard for diagnostic X-ray systems (21CFR 1020.33)
- Nested phantoms, optimized for pencil-shaped, 10 cm, CT ionization chambers at any CT scanner
- Determination of the patient dose and simulation of head and/or body scans for a given series of CT scans



CATO-2 phantom, 2-parts, facts / delivery scope:

- Adult head, Ø 160 mm, height 150 mm, five holes (Ø 12.6 ± 0.1 mm) and insert parts
- Adult body extension annulus, Ø 320 mm, height 150 mm, four holes (Ø 12.6 ± 0.1 mm) and insert parts
- Ionization chamber adapter
- Weight 14.2 kg – dimensions 320 x 150 mm
- Order number: 10022

CATO-3 phantom, 3-parts, facts / delivery scope:

- Pediatric head, Ø 100 mm, five holes (Ø 12.6 ± 0.1 mm) and insert parts
- Pediatric body, Ø 160 mm, four holes (Ø 12.6 ± 0.1 mm) and insert parts – in combination with pediatric head also suitable as adult head
- Adult body extension annulus, Ø 320 mm, four holes (Ø 12.6 ± 0.1 mm) and insert parts
- Ionization chamber adapter
- Weight 14.2 kg – dimensions 320 x 150 mm
- Order number: 10023

Recommended accessory:

- CATO Compact case with state-of-the-art, integrated trolley system and wheels – Order number 10303
- CATO phantom positioning aid – Order number 10307

Relevant standards/regulations:

IEC 60601-2-44 / IEC 61223-2-6 / IEC 61223-3-5 / FDA performance standard of diagnostic X-ray systems (21 CFR 1020.33)