



# Pro-RF ChestCDRH

02-211



**The compact and easy to use phantom designed to invoke a response of automatic-exposure. Follows the Center for Devices and Radiological Health (CDRH) specifications of a chest phantom and AAPM recommendations from Report No. 31** "Standardized Methods for Measuring Diagnostic X-Ray Exposure". The adult chest phantom approximates a 173 cm adult weighing approximately 165 lbs with an anterior-posterior (AP) thickness of about 23 cm. The anatomical region the phantom simulates is the lung field, and therefore contains an air gap within the center. The phantom is composed of poly-methyl-methacrylate (PMMA).

## Technical data (can be modified to customer specifications):

- set of acrylic and aluminium plates mounted on a frame with chamber holder
- approximates a 173 cm adult weighing approximately 165 lbs with an anterior-posterior (AP) thickness of about 23 cm
- 254 x 254 mm pieces of 1100 alloy and clear PMMA with 19.0 mm air gap
- the order of filters is: 9,5 mm PMMA, 2,5 mm Al, 54 mm PMMA, 19.0 mm Air, 1,6 mm Al, 9,5 mm PMMA
- heavy duty carrying case

## Product features:

- Complies with:
  - report No. 31 "Standardized Methods for Measuring Diagnostic X-Ray Exposure"
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration