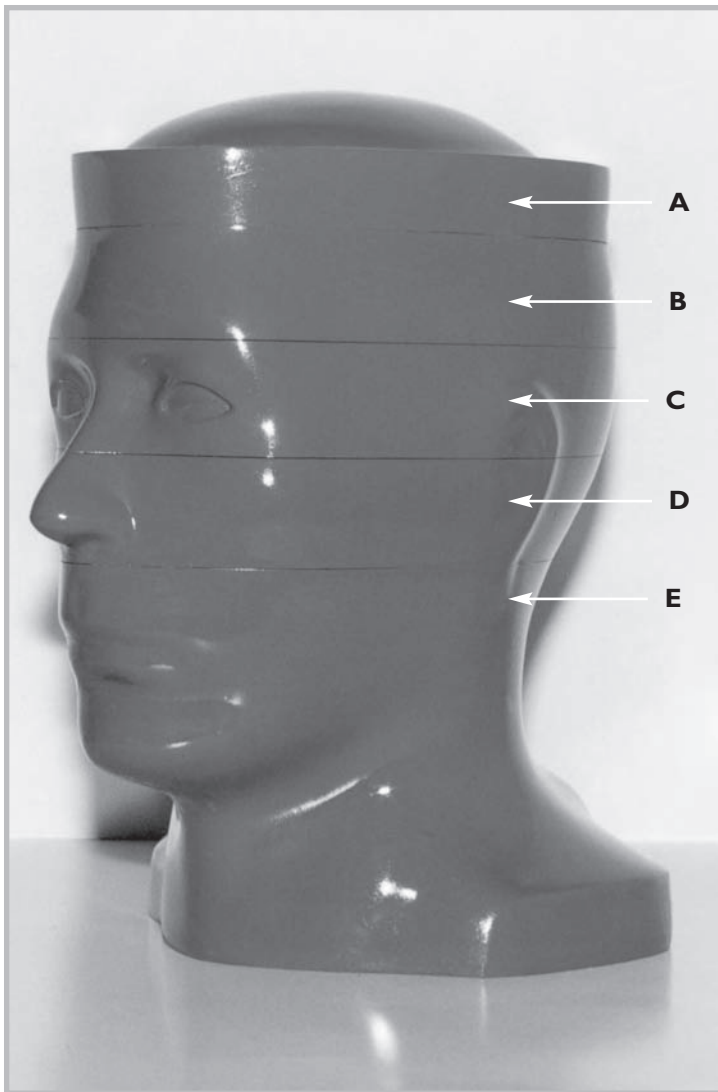


## COMPUTED TOMOGRAPHY HEAD PHANTOMS

### *Computed Tomography Head Phantom*

Model Number RS-250

- Anthropomorphic
- Molded Around Skull
- Checks Important Physical Parameters
- Provides Realistic System Check
- Ideal For Training
- Polycarbonate Base Dimensioned For Scans Parallel or Perpendicular to Longitudinal Axis



**SECTION A:** Aluminum plates, 0.4 mm thick, set at a 45° angle, measure beam width and slice thickness.

**SECTION B:** The dosimetry section provides patient-exposure controls, and checks on abnormal internal doses before actual patient scans. Customization to accommodate TLD with rods or chips is available.

**SECTION C:** Cylindrical tumors of graded sizes and radiodensities establish high and low-contrast resolution and demonstrate partial beam-averaging effects.

**SECTION D:** The anthropomorphic section provides actual auditory ossicles in an air-contrast inner ear and a fractured petrous bone. Small tumors in the posterior fossa are placed in an area which most scanners image with difficulty.

**SECTION E:** 1/4-in. diameter aluminum rod on the phantom's longitudinal axis, checks general alignment, and "Dry Water" gives a realistic "noise check".

