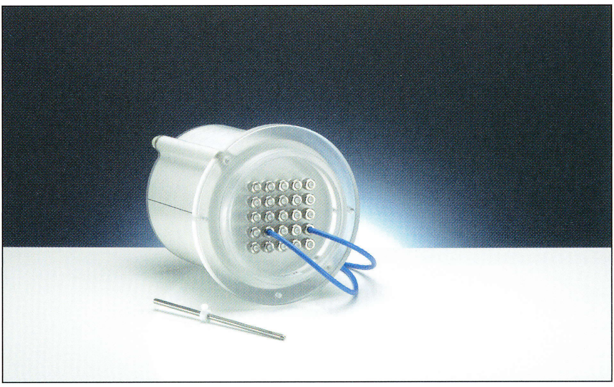
IMRT Verification Matrix Phantom



Cylindric RW3 phantom with chamber holes for verification of stereotactic IMRT beams by semiflex chambers

Features

- Enables the user to verify stereotactic treatment plans
- Made of RW3 water-equivalent material in cylindric shape to simulate a human head and neck
- 25 holes in a matrix can accommodate semiflex ionization chambers at different phantom locations and depths
- Can be attached to the stereotactic system and the couch

The IMRT matrix phantom[1] model T40026 is a 20 cm high cylinder composed of water-equivalent RW3 material. The diameter of the cylinder is 20 cm, and the height is 20 cm. The phantom is supplied with 25 holes through the entire height to place semiflex ionization chambers inside the phantom. The chambers are inserted up to the desired position in any of the holes, and then securely fixed. The holes not in use are closed by means of dummy plugs.

The phantom can be attached to the stereotactic system and the couch by a special holding device.

[1] The phantom was designed by Bernhard Rhein from the German Cancer Research Center DKFZ Heidelberg, Germany.

Ordering Information

T40026 IMRT matrix phantom
T40015.1.010 IMRT phantom holder

▸ Semiflex Ionization Chambers *page 16*