

Ionization Chamber Lead Shielding



Sectional lead rings for radiation shielding of the CURIEMENTOR ionization chamber

Features

- ▶ Makes it possible to shield the CURIEMENTOR chamber type T33003 and T33007 separately
- ▶ Protects measurements against falsification by external radioactive sources
- ▶ Protects operating staff against irradiation from radioactive sources inside the ion chamber

The separation of the CURIEMENTOR ionization chamber and the display unit makes it possible to fit a lead shielding around the chamber. This concept ensures optimum radiation protection. The operating staff are not exposed to radiation during the measurement of activity placed in the chamber well, and other radioactive sources in the vicinity of the chamber cannot falsify the measurement.

The dimensions of the assembled shielding are:

Outside diameter:	163 mm
Height:	123 mm
Lead wall thickness:	40 mm

An additional cap model T33003.1.132 can be used to close the shielding completely.

Ordering Information

T33003.1.130 CURIEMENTOR lead shield

Option

T33003.1.132 CURIEMENTOR lead shield, cap

- ▶ CURIEMENTOR Isotope Calibrators *page 113f.*