

# SNC600c™

## The Classic Farmer Type Chamber

SNC600c is a reference class ionization chamber which follows the classic Farmer chamber design and performance, and meets IEC 60731 performance requirements. The white thimble provides high contrast with the cross hairs for easier setup verification.

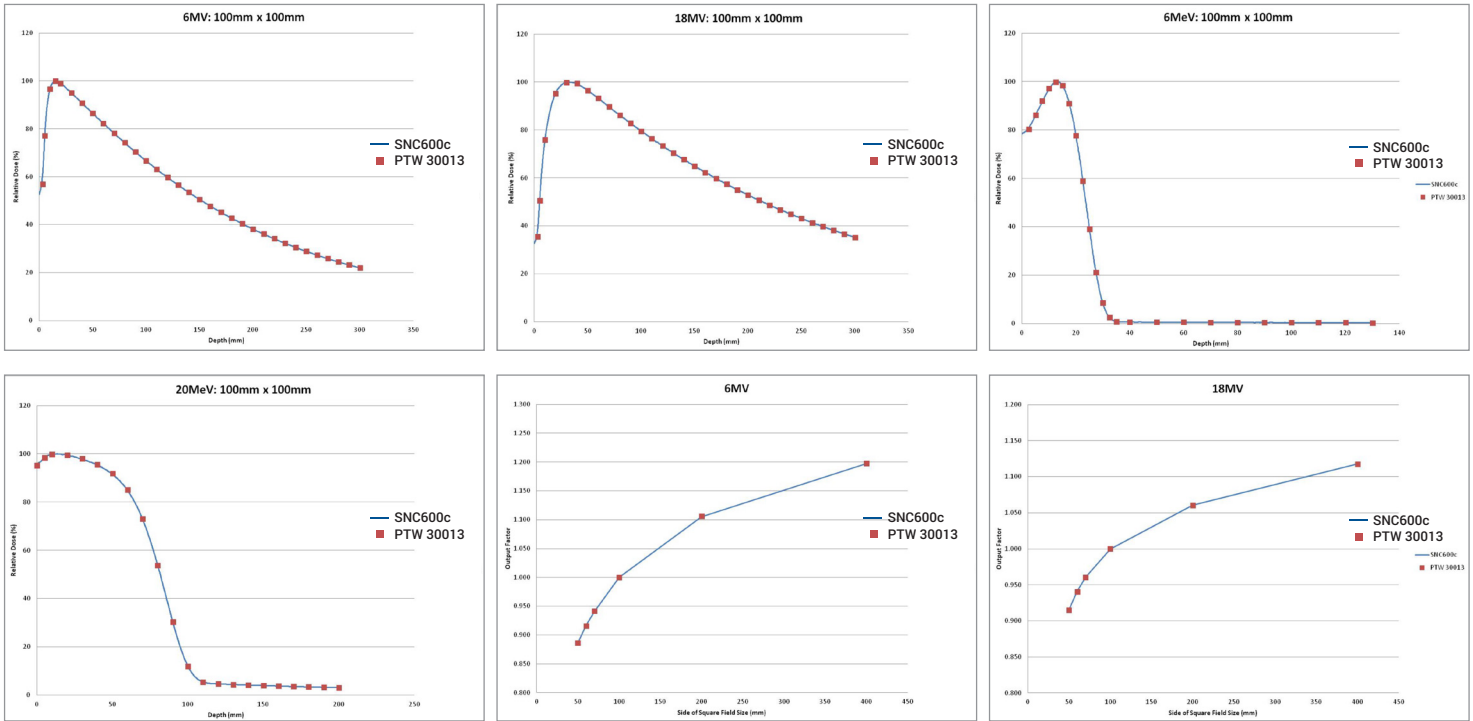


### Features and Benefits

- Reference class ionization chamber (IEC 60731)
  - Satisfies recommendations of dosimetry protocols (e.g. AAPM's TG-51 and IAEA's TRS-398)
- Follows classic Farmer chamber design
  - Compatible with most existing slab phantoms and detector holders
- Fully guarded, vented, and waterproof
  - Quick setup with no required wait time before measuring
- White thimble
  - For improved setup and accuracy
  - Crosshairs and lasers easily recognized on thimble
- Rotational orientation mark
  - Improved accuracy through consistent orientation that calibration laboratory uses

# SNC600c – Proven Performance

The 600c is designed to offer the superior performance expected in a reference class Farmer type ionization chamber, with the benefit of easier setup thanks to the specially painted white thimble.



## Specifications

**Active Volume (cm<sup>3</sup>):** 0.6

**Active Length (mm):** 22.7

**Active Diameter (mm):** 6.1

**Sensitivity (nC/Gy):** 20

**Wall Material (mm):** Paint 0.05  
Graphite 0.43

**Energy Range:** Co-60 - 25 MV  
9 MeV - 25MeV

**Electrode (mm):** 1.1 diameter aluminum

**Vented:** To atmosphere through waterproof tubing

**Buildup Cap (mm):** 4.5

**Polarizing Voltage:** ±400V Max

**Length (m):** 1.5

**Cable Connector:** TNC or BNC

