



# 1D SCANNER™

## Accurate Point Dose and PDD Dosimetry

Accurate 1D scanning with water level detection that removes setup subjectivity.

### The 1D SCANNER Advantage

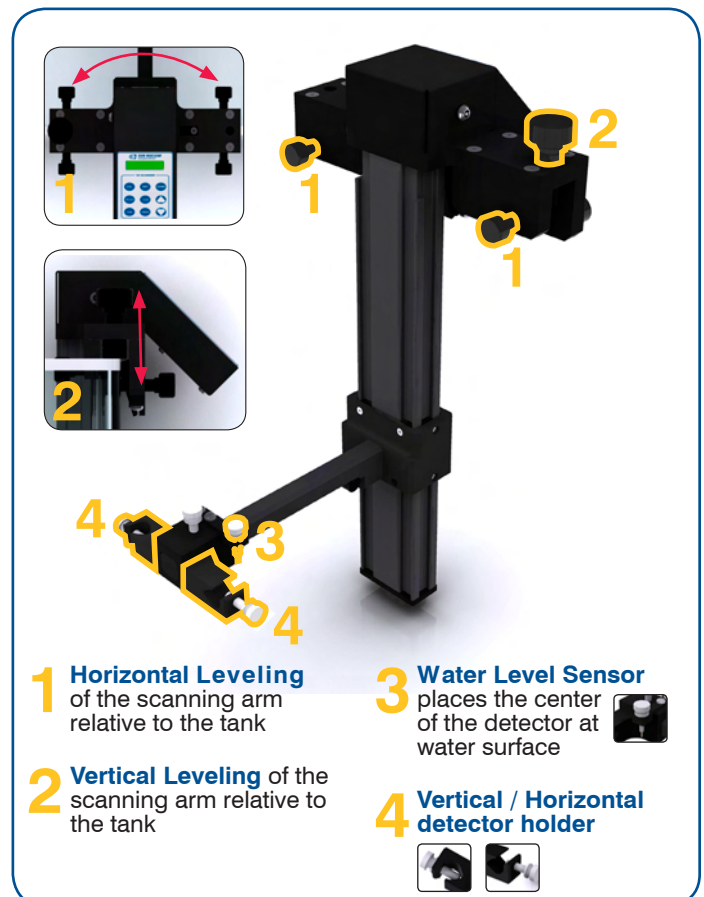
- > Automatic water level detection
  - For detector positioning
- > Pendant or software control
- > 30cm scanning depth

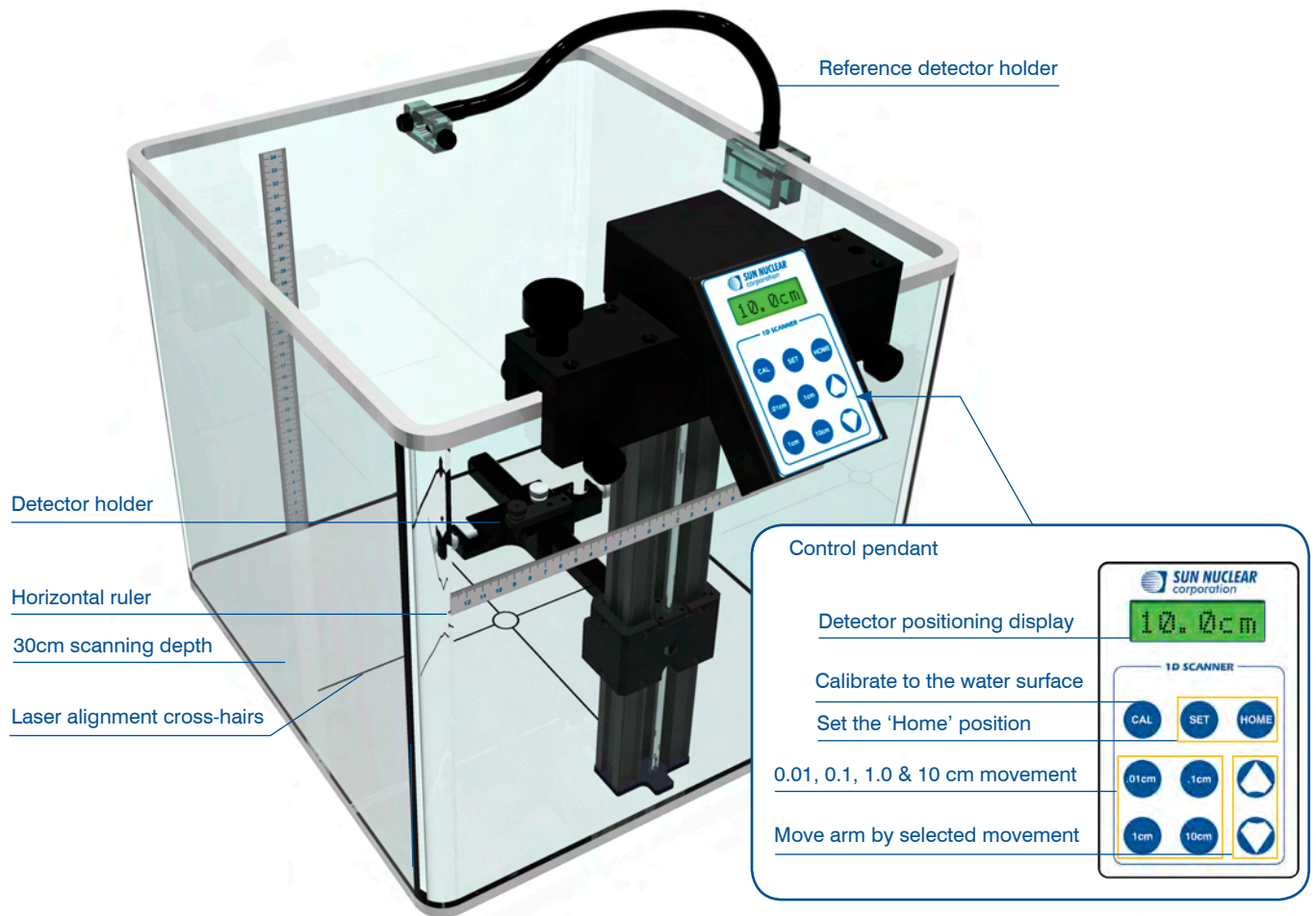
### Hardware

- > Accommodates all common electron cones
  - 35 x 39cm (L x W) internal dimensions
- > Integrated multi-function pendant and scanning arm
- > Easy to setup and use
  - Single power/data cable connection
- > Detector holders:
  - Farmer-type, universal, vertical, and reference included
  - Markus and Roos (optional)
- > Leveling platform available

### Software

- > Included software for remote positioning
- > PDD collection analysis (with PC Electrometer™) using Excel® or optional SUN Dosimetry software





Detector holder

Horizontal ruler

30cm scanning depth

Laser alignment cross-hairs

Reference detector holder

Control pendant

Detector positioning display

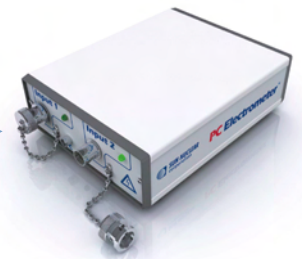
Calibrate to the water surface

Set the 'Home' position

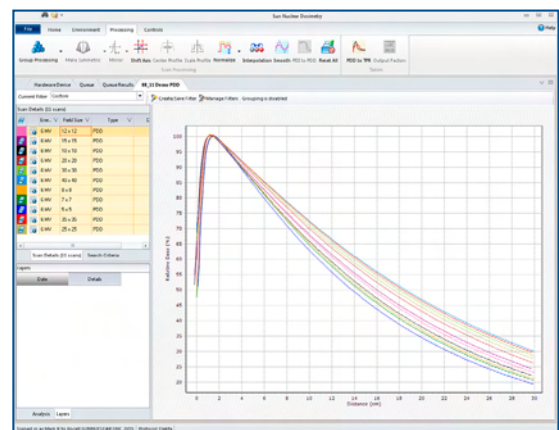
0.01, 0.1, 1.0 & 10 cm movement

Move arm by selected movement

The 1D SCANNER makes the perfect measurement solution when paired with the reference-class PC Electrometer



Inner dimensions (cm):	35.0 x 39.0 x 36.2
Exterior dimensions (cm):	37.6 x 40.6 x 36.8
Interior volume:	50 liters at 35cm depth
Weight empty with arm (kg):	10.4
Arm positioning increments (cm):	0.01, 0.1, 1.0 & 10.0
Arm positioning accuracy (cm):	± 0.01
Scan depth maximum (cm):	30.0
Operating system:	Windows 2000, XP, Vista, or 7
Number of connection cables:	Single power/data cable



Collect PDD curves with optional SNC Dosimetry software