

Thyroid Uptake Monitor

Model: TUM-1600 and TUM-1600-T



Floor Stand Model
TUM-1600



Optional: Table Top Model
TUM-1600-T

Features

- Thyroid Collimated NaI Detector
- Detects I-123, I-125, I-131, Tc-99m
- Optional: 1 Inch Well For Wipe Tests
- User Settable Timing
- Programmable Repetitive Timed Measurement Program
- 1024 Channel MCA
- Ergonomically Adjustable Monitor
- Articulating Arm with Wide Range of Motion
- USB Port for Data Output
- Touch Screen Computer
- Digital Readout
- Full Spectrum Graphics Reports
- Data Archive
- Floor Stand Model – **TUM-1600** standard
- **Optional:** Table Top Model – **TUM-1600-T**
- **Optional:** Dicom Interface For Patient Data

Description

- An easily adjustable stand with weighted base and articulating arm makes positioning the monitor convenient.
- Alignment and measurement rod
- Isotope library
- Touch screen computer control
- Data: Report saved, pdf, color graphics and isotope spectrum.
- **Optional:** Print out
- **Optional** 1" Well Counter
- **Optional:** 2" Well Counter



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Thyroid Uptake Monitor

Model: TUM-1600 and TUM-1600-T

Specifications

Detector Thyroid

Collimator: 2" x 2" NaI (TI) Scintillation
Flat field collimator

Detector Well Counter

Shielding: 2" dia NaI (TI) Scintillation
1" lead **Optional:** 2" lead, brass lined to absorb backscatter

Detector Limit

Maximum Count Rate: 400,000 cps
Count Rate Linearity: 200,000 cps within 2%

Electronics

1024 Channel MCA
Data: 2-detector input
Presets: Live time, real time, total counts, automatic peak finding, low level discriminator
Optional: Printer

Floor Stand

Ergonomically correct, weighted base
Adjustable height PC stand
Articulating Arm: 34" vertical range; Extension 31" (79 cm) horizontally beyond shelf
Vertical travel 25" to 63" (64 to 160 cm)
Collimator: 220° rotation
Wheels: Swivel, locking casters
Optional: Tabletop model with thyroid probe
Tabletop model with thyroid probe and well

Weight and Dimensions

Dimensions: 56" h x 28" w x 32" d (142 x 71 x 81 cm)
Weight: Thyroid Uptake System: 340 lbs (154 kg)
Weight: With 1" Shielded Well: 410 lbs (186 kg)
Weight: With 2" Shielded Well: 540 lbs (245 kg)

Power

120 VAC, 60 Hz, 2.6 AMP; 230 VAC, 50 Hz, 1.1 AMP
Isolation Transformer with hospital grade cord and plug



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