

THYROID UPTAKE MONITOR

Model ~ TUM-1600 & 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 REPETATIVE 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: DIGITAL INTERFACE FOR PATIENT DATA



**FLOOR STAND MODEL
TUM-1600**

DESCRIPTION:

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



**OPTIONAL: TABLE TOP MODEL
TUM-1600-T**



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THYROID UPTAKE MONITOR

Model ~ TUM-1600 & TUM-1600-T

SPECIFICATIONS:

Detector THYROID:

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

Detector WELL COUNTER:

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

Detection 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 & 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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