

Production Engineering - Medical Equipment Division

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Nuclear Medicine

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Gamma camera / nuclear medicine computer - \$1,475



List: \$22,900. MedCon: VG. Summit Nuclear Vision 1024 RZ camera control unit and SCSI acquisition unit. 115 V, 60 Hz. Keyed power on and floppy disc drives.



Detail photos of the control unit (top) and SCSI acquisition unit (bottom) with the manufacturer's labels at their right.

Overall dimensions of the control unit:

- width: 19.5 in.
- depth: 33.25
- height: 47.25

Overall dimensions of the SCSI acquisition unit:

- width: 9 in.
- depth: 23.25
- height: 27.5

Shipping weight is about 522 pounds.

Cardiac gating monitor - \$675



List: \$4,875. MedCon: VG. Advanced Medical Research Corp. AccuSync-I R-wave triggering device. 115 V, 60 Hz.

Unit detects peak of cardiac rhythm to trigger a device relative to cardiac action.

Features:

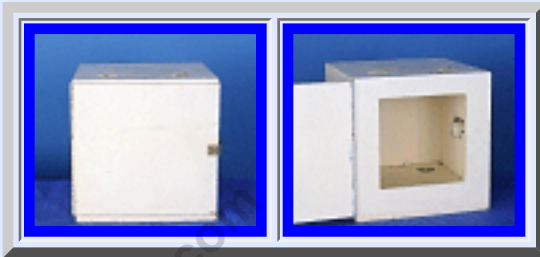
- LED display; R-R int/heart rate toggle
- Medtronic's ECG cable (RA, LL, LA)
- 2.5 inch chart paper recorder
- recorder pushbutton start with green indicator light
- recorder controls; pen heat, position, size
- adjustable trigger
- back of unit has R trigger and ECG out coaxial jacks
- power on/off toggle
- 7 foot heavy duty power cord with hospital grade plug

Overall dimensions of the unit:

- width: 9.75 in.
- depth: 11
- height: 9.5

Shipping weight is about 18 pounds.

Lead-lined storage container - \$750



List: \$1,975. MedCon: G. Lead-lined radiation protection cabinet.

Features:

- painted wood cabinet with 4 mm lead paneling
- 9 x 9 inch access door lockable latch
- NuTone access flap on right side of box
- top and bottom vents

Overall dimensions of the unit:

- width: 14.25 in.
- depth: 14.75
- height: 14.25

Shipping weight is about 100 pounds.

Xenon monitor - \$750



List: \$3,300. MedCon: VG. Johnston Laboratories model 133B xenon monitor. 115 V, 50/60 Hz.

Features:

- detects ^{133}Xe
- analog gauge; 0.1-10 M.P.C. ^{133}Xe
- lighted red alarm button
- input and output tubing
- remote alarm and recorder leads on back of unit
- cord wrap

Overall dimensions of the unit:

- width: 11 in.
- depth: 18
- height: 10.25

Shipping weight is about 30 pounds.

Radiation monitor - \$375



List: \$1,450. MedCon: VG. Eberline RM-15 radiation monitor. 110 V, 60 Hz.

Features:

- audible clicks for detection; adjustable volume
- analog gauge reads 0-500 cpm
- 1, 10, 100, and 1000 X sensitivity scales
- fast/slow toggle
- gross/PHA toggle
- battery or AC operation
- battery check indicator
- alarm audio and red light
- alarm set
- optional tilt you
- HV adjust screw

Overall dimensions of the unit:

- width: 7.5 in.
- depth: 6.5
- height: 5

Shipping weight is about 15 pounds.

Dose calibrator - \$1,975



List: \$5,935. MedCon: VG. Capintec Caprac wipe test counter. 115 V, 50/60 Hz. For calibrating nuclear medicine dosages monitoring radiochemical work areas.

Features:

- meets NRC wipe test requirements
- NaI crystal detector

- 6 channel pulse height analyzer
- user-definable protocols
- selection of counting periods; 6, 20, 60, 180, 600 and 1800 seconds
- LCD window for menus and results
- readouts in cpm, dpm, Curies, Bequerels and gamma energy histograms
- lead-shield tower has 17 mm diameter well
- 25-pin connector (4 active pins) for Epson printer (printer not included)

Overall dimensions of the unit:

- width: 7.25 in.
- depth: 11.25
- height: 10

Shipping weight is about 40 pounds.

Leaded glass box - \$575



List: \$1,100. MedCon: VG. Amersham leaded glass (0.5 in.) storage box for shielding Iodide 125.

Inner dimensions of the box:

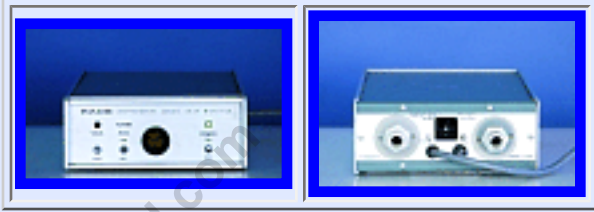
- width: 11 in.
- depth: 6.5
- height: 5.25

Outer dimensions of the box:

- width: 12 in.
- depth: 8
- height: 6.5

Shipping weight is about 20 pounds.

Xenon trap monitor - \$875



List: \$4,230. MedCon: VG. Rad x Xenalarm xenon trap monitor. 115 V, 60 Hz. May be attached to the exhaust port of a Xenon delivery system used in medical nuclear medicine departments. Passively monitors the effluent during exams.

Features:

- visual and audible alarm; audible may be turned off
- test function
- power on/off switch with indicator lamp
- 0.75 in. o.d. input and exhaust ports on back of instrument

Overall dimensions of the unit:

- width: 8.75 in.
- depth: 14.5
- height: 3.75

Shipping weight is about 20 pounds.

Radioisotope calibrator - \$475



List: \$6,200. MedCon: Inc. Capintec radioisotope calibrator, model CRC-127R. 120/240 V, 50/60 Hz. This is the measurement module only. To be used with an ionization chamber.

Overall dimensions of the unit:

- width: 12.5 in.
- depth: 18
- height: 6

Shipping weight is about 20 pounds.

Radiation survey monitor - \$375 each

List: \$2370. MedCon: EX. radiation survey monitor, for use and nuclear medicine labs and hot rooms. made by Mini instruments company, United Kingdom.



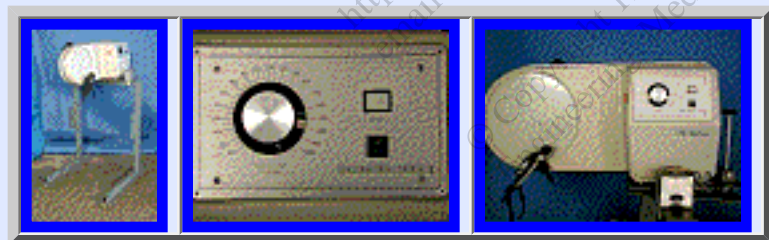
Features:

- count display, 0.5-2000 counts per second
- built in battery test
- radiation sensitivity as noted per table on back of unit in photograph
- adjustable sensitivity built in alarm
- completely hand portable

Shipping weight is about 10 pounds each. Two units in stock.

Cardiac exercise ergometer - \$975

List: \$3,300. MedCon: G. Cardiac exercise ergometer, made by Spectrum Engineering. Ergometer Model III, adjustable work load of 200 - 2,000 Kg-M/Minute. Allows calculation of heart outputs based on known exercise energy requirements. On stand as shown, has locking slots to allow of attachment on end of imaging table.



Exterior dimensions:

- length: 62"
- width: 36"
- height: 62"

Shipping weight is about 400 pounds.

Lead shielding, portable - \$1,275

List: \$3,200. MedCon: EX. Lead shielding, for use in a hot room, near a gamma camera, cyclotron, linear accelerator, cobalt 60 or other highly radioactive gamma or x-ray source. Atomic products model 042-510 rolling radiation shield.

Features:

- adjustable height, by use of hydraulic lifting device
- safety catch pins, so unit does not drift down below height
- on 4 locking castors
- very heavy unit, buy may be rolled around floor by one person



Overall size:

- width: 37.75 "
- height: 43.5"

Shielding size:

- length: 37"
- height: 15"
- thickness: 1"

Unit is very heavy. Shipping weight is about 750 pounds.

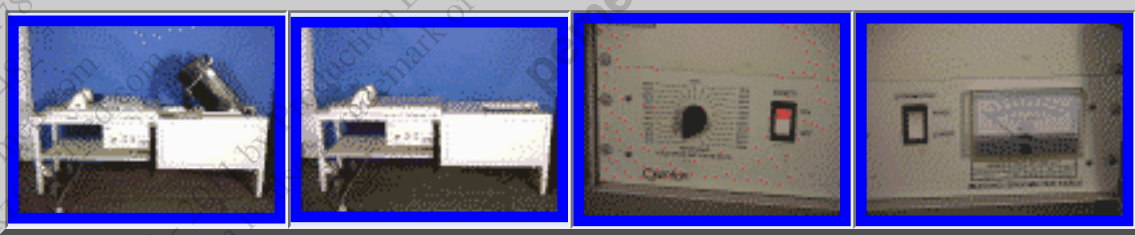
Cardiac imaging ergonometer - \$1,500



List: \$5,800. MedCon: VG. Quinton instruments exercising ergonometer. For cardiac stress testing when used with a planar imaging nuclear medicine camera, usually used for thallium stress test and planar cardiac shots.

Features:

- pedal unit that raises and lowers electrically
- selectable patient work load
- meter that displays patient rpm
- removable top pad and cover
- pedals fold away so unit may be used as complete planar imaging table
- on locking castors



Shipping weight about 400 pounds.

Thyroid uptake unit - \$4,500

List: \$23,400. MedCon: G. Atomic products thyroid uptake unit with spectrometer model 187-290. For thallium and iodine studies of the thyroid gland.

Whole body imaging table - \$2,500



List: \$9,000. MedCon: G. Picker omniview 4 whole body imaging table. Electric xy stepping table, with hand control pendant. Wired for 120/240 VAC, 50 / 60 Hz. Table has spring loaded floor locatign pins, so table may be located consistanetly with respect to

gamma camera head. New 12/83. Also has collision detectors on both ends of table. Overall table dimensions are 7' long 3-1/2 feet wide. Table has approximately 4' feet of longitudinal travel and 2' of horizontal travel.

Nuclear analyzer - \$750

List: \$9,400. MedCon: G. Canberra series 30 multichannel analyzer. Control and energy spectra analysis unit for a Canberra thorium, thallium, or iodine thyroid uptake probe.

Unit may be used for other applications with appropriate engineering considerations.



Thyroid uptake unit - \$4,250



List: \$14,300. MedCon: VG. ND Nuclear Data 562 system. Thyroid uptake unit, model 88078, serial #840228, with probe, HV control, gain, zero, LLD and UCD adjustments. Software driven unit, internally contained on a small computer that is part of the unit. Full computer controls with a full keyboard, includes Epson dot-matrix printer. With distance calipers, on wheeled stand.

New in 1986.

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