

*Rapid Measurements - with a super small footprint detector*

*So Little*



*Gives you so much*

Laptop not included

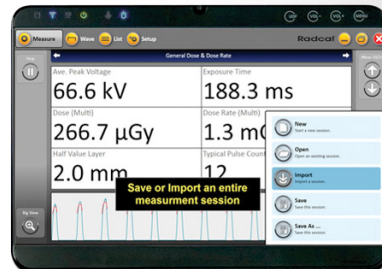
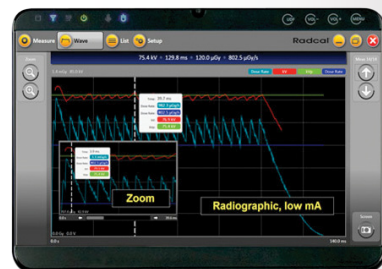
*For Radiography, Fluoroscopy, Mammography and Dental.*

**AUTO DATA CAPTURE** - Rapidose is a significant new advancement in the way x-ray measurements are made. For every exposure, a wealth of organized data is captured which can all be viewed instantly without scrolling.

**EASY DATA ANALYSIS** - At the end of a measurement session, easily save all automatically recorded measurement values and waveforms for future analysis.

**YOUR CHOICE OF DISPLAY** - Use the complete Rapidose compact display system with its touch screen UMPC display or your laptop to view all measurement results.

**REMOTE OPERATION** - Magnify the display to Big View and view the results across the room or through a control room window.



Ave. Peak Voltage	83.5 kV	Exposure Time	1.6 s
Dose (Multi)	390.7 µGy	Dose Rate (Multi)	211.1 µGy/s
Half Value Layer	3.0 mm	Typical Pulse Count	12

**THE GOLD STANDARD IN RADIATION MEASUREMENT**

# RAPIDOSE KEY FEATURES AND BENEFITS:

## KEY FEATURES

**Simultaneous Measurements:**

**Miniature Sensor:**

**Optional Second Dose Sensor:**

**Rapid Deployment:**

**Fully Customizable:**

**Flexible Configuration:**

**Choice of Views:**

**Extensive Storage Options:**

**Data Recall:**

**Connectivity:**

**Remote Control:**

**Always Active:**

## BENEFITS

Measure kVp, Time, Dose, Dose Rate, Filtration, HVL and more...

Extends measurements into areas where a small footprint is required

Simultaneously measure entrance and exit dose - see photo below

Start making measurements after just a few seconds

Display data and waveforms exactly as you wish

Use our integrated UMPC based system or your own laptop computer

Alternate: large digital display, scope type waveforms, tables or cards

Instant screenshot storage or data export to Excel reports

Entire measurement sessions can be recalled and added to at any time

Run Rapidose on several computers and obtain software upgrades online

Can be controlled by your bluetooth keypad

Never miss a radiation event

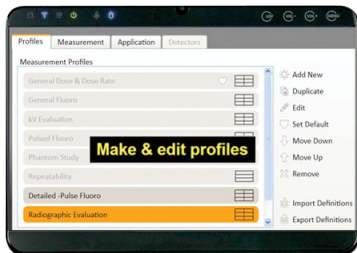
## COMPACT CARRY CASE



The Rapidose compact travel case packs the UMPC touch screen display, charger, sensor assemblies, cable, and test stand.

## DOSE SENSOR OPTION

Connect a second dose sensor to the Rapidose sensor.



## CUSTOMIZABLE SCREENS -

You choose! Before or after a measurement, easily create and edit measurement profiles for any particular measurement application. More than 25 measurement parameters to choose from.



## WAVE: INSTANT SCOPE-TYPE ANALYSIS OF WAVEFORM -

Rapidose gives you a scope type view of kV and dose rate waveforms along with all measurement values at any point on the waveform as seen in this example of a GE AMX4 with 2 kHz ripple.

## SPECIFICATIONS / TECHNICAL DATA:

All specifications subject to change.

TYPE	Anode / Filter	Tube	kV ±2% or ±0.7kV whichever is greater	Filt (um)	hvl (mm Al) ±10% or ±0.05 mm Al whichever is greater
Mammo (RAPD-M)	Mo/Mo	General	22-49	20-40	0.18-0.48
	Mo/Rh	General	22-49	20-40	0.20-0.54
	Mo/Mo	GE	22-48	20-40	0.18-0.48
	Mo/Rh	GE	22-48	20-40	0.20-0.54
	Rh/Rh	GE	25-48	20-60	0.30-0.72
	W/Ag	General	21-38	20-80	0.18-0.77
	W/Rh	General	21-38	20-75	0.18-0.67
Radiographic (RAPD-W)	W/Al	General	40-160	2-22 mm	1.3-10*
Mammo (RAPD-M)	Dose		Dose Rate		Time
Radiographic (RAPD-W)	50 nGy – 50 Gy, ±5% (5.7 µR – 5.7 kR, ±5%)		160 nGy/s – 160 mGy/s, ±5% (1.09 mR/min – 1.09 kR/min, ±5%)		2 ms – 300 s ± 1% or 0.2 ms

## Reference conditions

**Mammo:** 2.2 mm PMMA compression paddle in beam for all measurements (kVp, dose, hvl). All beams calibrated with large focal spots.

**Radiographic:** 12° Tungsten anode.

## Size

52.1 mm x 20.0 mm x 9.7 mm

## Reference point

Round marking 1 cm dia – Dose and kV separate, midline – 4.8 mm from top surface.

## Working temperature range

15°C - 35°C (Storage: 0°C / 32°F - 60°C / 140°F)

## Humidity

< 80 % (without condensation)

## Pressure

700 hPa – 1060 hPa

\* or ±0.2 mm Al whichever is greater

## (RAPD-M) (RAPD-W)

