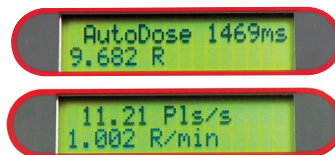
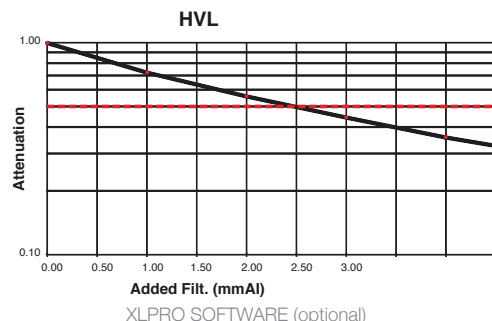


# Radcal

## 2186 Dose Meter

**Solutions** - for all your measurement needs

The System that Checks all the boxes ✓



Data Display Examples

For Radiography, Fluoroscopy, Mammography,  
CT, Dental, and Survey.

**INCREASED PRODUCTIVITY** - Easy use, quick setup, convenient portability-all in one compact system.

**VERSATILITY AND ACCURACY** - Basic and advanced measurement functions for Critical Acceptance Testing and QA consistency tests, including scatter and FDA leakage requirement tests.

**SENSOR SELECTION** - Gold Standard Ion Chambers, (independent of beam quality) and Compact Dose Diodes for all your measurement needs.

### FUNCTION

Dose Accumulate Hold

Dose Rate

Auto Dose

Last Dose

Max Dose Rate

Pulsed Cine with Auto Sense

Exposure Time

Sensor options



\* For 40X12-W Sensors only

### 2186

Dosimeter - 2186



- Ion Chambers
- Dose Diodes
- XLPRO Software

**THE GOLD STANDARD IN RADIATION MEASUREMENT**

Radcal

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## 2186 KEY FEATURES AND BENEFITS:

KEY FEATURES	BENEFITS
<b>Ion Chambers</b>	Independent of beam quality and recommended for AEC use
<b>Simultaneous Measurements</b>	Measures Dose, Dose Rate, Auto Dose, Last Dose, and more ...
<b>Data Capture Software</b>	Auto data capture and templates
<b>Plug and Play Sensors</b>	Chambers and sensors are interchangeable with any 'Accu" system
<b>Backward Compatibility</b>	Accepts 10X5 series Radcal ion chambers ( adaptor required )

### CONFIGURATION EXAMPLE / 10x6-6 General Purpose Ion Chamber

- A. 2186 Control Unit
- B. 10X6-6 Ion Chamber Sensor
- C. Ion Chamber Digitizer (9660)
- D. 20C6-4 Main Cable



### NEW COMPACT CARRY CASE



### ION CHAMBER DOSE SENSORS

FULL SPECIFICATIONS : [www.radcal.com](http://www.radcal.com)

Calibration Accuracy  $\pm 4\%$ , Energy Dependence  $\pm 5\%$ . Plug-and-play.

#### 10X6-6

General Purpose Ion Chamber.



#### 10X6-0.6CT

Modern CT Application Chamber.



#### 10X6-6M

Mammography Chamber.



#### 10X6-3CT

Computed Tomography Dose Index (CTDI).



#### 10X6-60

'Service' and image intensifier Chamber.



#### 10X6-180

Leakage and Low Level Chamber.



#### 10X6-0.6

High Dose Rate Chamber



#### 10X6-1800

Radiation Protection Chamber.



#### 10X6-0.18

High Dose Rate Chamber



### CHAMBER & DIODE DIGITIZER / EXTENSION CABLE

further info online



### Solid State Dose Sensors

FULL SPECIFICATIONS : [www.radcal.com](http://www.radcal.com)

Calibration Accuracy  $\pm 5\%$ , Energy dependence and Filtration dependence: see below.

#### DDX6-W

Diagnostic range



#### DDX6-WL

Diagnostic range  
(Low dose rates)

