

# Full Featured Solid-State and Ion Chamber Measurement System



**Radcal® Accu-Gold+**



*The Accu-Gold+ is Radcal's flagship product offering support for its entire sensor suite and advanced diagnostic functionality.*

## Systems Solutions

The Accu-Gold+ provides a tailored solution to your individual diagnostic measurement needs when paired with:

- Radcal's broad selection of industry leading sensors
- user friendly display that facilitates recording and reporting of results quickly and easily
- carry case to transport your custom solution securely and conveniently

## Sensor Selection

The Accu-Gold+ supports Radcal's full line of Ion Chambers, Solid-state Dose Diodes, and Solid-state Multisensors featuring the most accurate and compact stacked sensor design available.

## Software and Display Technology

The Accu-Gold+ offers great flexibility in your choice of user interface. Accu-Gold and Accu-Gold Excel Windows software provides a rich user-friendly environment in which to record, view, and archive your measurements. Radcal offers a tablet computer to run this software or use your own Windows computer. Apps are also available for your Apple iOS and Android devices (Nugget wireless adapter required). Alternatively, upgrade your instrument to an Accu-Gold+ Touch stand-alone system equipped with a built-in display.

## Functionality

The Accu-Gold+ provides a comprehensive set of parameters including Dose, Dose Rate, Waveform, Exposure time, kV, HVL, Filtration, mA, Light measurement, and more.

## Modalities

The Accu-Gold+ is well suited for Radiography, Fluoroscopy, Mammography, CT, and Dental applications.



*Unparalleled Accuracy,  
Experience,  
Versatility*

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THE GOLD STANDARD IN RADIATION MEASUREMENT

# ACCU-GOLD+ FEATURES, BENEFITS AND SENSORS:

## KEY FEATURES

**Solid State and Ion chamber sensors**

**Simultaneous measurements**

**Customizable view screens**

**Plug and Play sensors**

**Real time waveforms**

**Data recall**

**Matrix display**

**Auxiliary port**

**Scope type waveform analysis**

**Export data**

## BENEFITS

Multiple solutions for your measurement needs, no compromising

Up to 16 user selectable parameters viewable from each measurement

Create data display profile either before or after the exposure

Truly Interchangeable Accu-Gold+ Multisensors with other Rapid-Gold+ and Accu-Gold+ meters

Real time simultaneous dose rate, kV, and mA waveforms

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

Use Matrix display to view measurement results from the control room

Provision for future sensors

Analyze kV, dose, and mA waveform measurement values in detail

Export data to Excel, user templates or clipboard

### Ion Chamber Dose Sensors

#### 10X6-6

General Purpose



#### 10X6-0.6CT

Modern Wide Beam Multi-Slice CT



#### 10X6-6M

Mammography



#### 10X6-3CT

Computed Tomography Dose Index (CTDI)



#### 10X6-10

General Purpose In Beam Chamber



#### 10X6-180

Leakage and Very Low Dose Rates



#### 10X6-60

'Service' and Image Intensifier



#### 10X6-1800

Radiation Protection



#### 10X6-0.6

High Dose Rate



#### 10X6-0.18

High Dose Rate

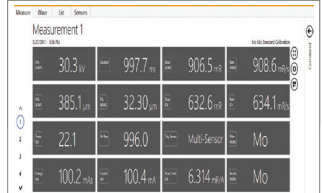


### Configurable data screen with waveform



Data parameters selected are displayed along with dose rate, kV and mA waveforms.

### Matrix Display



Matrix display can show up to 16 different parameters in one measurement. By suppressing the waveforms the measurement can be seen from a distance.

### mA, mAs Sensors

#### 90M9-AG

Invasive mA / mAs



#### 90M10-AG

Non-Invasive mA / mAs



### Light Sensor

#### AGLS

Luminance / Illuminance



### Solid State Dose Sensor – Dose, Rate, Time and Pulses

#### DDX6-WL

Diagnostic range (Low dose rates)



### Solid State Multisensors - Dose, kV, Time, HVL, Filtration And More...

#### AGMS-DM+

Diagnostic and Mammographic range



#### AGMS-D+

Diagnostic range



#### AGMS-M+

Mammographic range



### Displays

The portable, easy to use Tablet



The full-function Display with Keyboard



... or achieve a cost-effective and well-integrated solution by using your own computer

### Accu-Gold Nugget – WiFi Adapter for the Accu-Gold Family of Digitizers

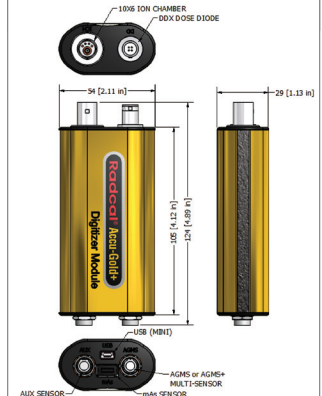
#### AGNugget

Recognizing that the system display and x-ray sensor are often widely separated, wireless capability eliminates the need to be tethered by an unwieldy cable. Simply snap NUGGET onto an Accu-Gold Family Digitizer and eliminate the USB cable. The NUGGET will power your Digitizer and transmit your measurement data after each exposure.



### Accu-Gold+ Interconnect Options

#### AGDM+



Full Specifications & Further Information: [www.radcal.com](http://www.radcal.com)