Full Featured Solid-State and Ion Chamber Measurement System

AGMS-DM+

AGMS-M+
MAM
Radcal
Made in USA

DIAG-MAM
Radcal
Made in USA

AGMS-D+
DIAG
Radcal
Made in USA

Radcal® Accu-Gold+ Digitizer Module

AGMS
USB
mAS
AUX

Ion Chamber Options

68940148

010–

The Accu-Gold+ is Radcal's flagship product offering support for it's 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.
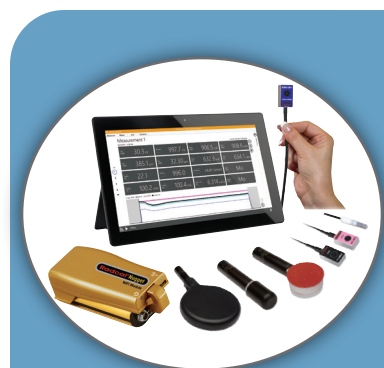
Software and Display Technology

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

Radcal

ACCU-GOLD+ FEATURES, BENEFITS AND SENSORS:

KEY FEATURES	BENEFITS
Solid State and Ion chamber sensors	Multiple solutions for your measurement needs, no compromising
Simultaneous measurements	Up to 16 user selectable parameters viewable from each measurement
Customizable view screens	Create data display profile either before or after the exposure
Plug and Play sensors	Truly Interchangeable Accu-Gold+ Multisensors with other Rapid-Gold+ and Accu-Gold+ meters
Real time waveforms	Real time simultaneous dose rate, kV, and mA waveforms
Data recall	Entire measurement sessions can be quickly recalled and added to at any time
Matrix display	Use Matrix display to view measurement results from the control room
Auxiliary port	Provision for future sensors
Scope type waveform analysis	Analyze kV, dose, and mA waveform measurement values in detail
Export data	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
Does Rates

10X6-60
'Service' and Image
Intensifier

10X6-1800
Radiation Protection

10X6-0.6
High Dose Rate

10X6-0.18
High Dose Rate

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+
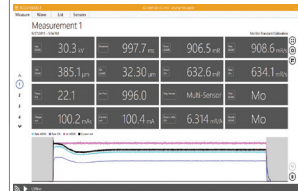Diagnostic range

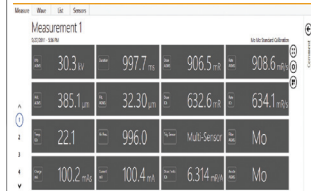**AGMS-M+**
Mammographic
range

Displays

The portable,
easy to use
Tablet

The full-function
Display with
Keyboard

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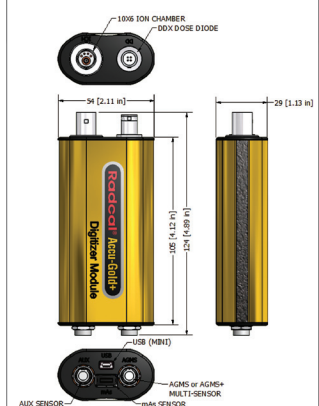and well-integrated solution
by using your own computer

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.

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

Radcal