

for use with: *Accu-Gold*

ACCU-GOLD



PRELIMIINARY 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 (AGMS-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
Rad/Fluoro/Dental (AGMS-D)	W/Al	General	40-160	2-22 mm	1.3-10*
Rad/Fluoro/Dental (AGMS-D)** and Mammo (AGMS-M)	Dose		Dose Rate		Time
	150 nGy - >100 Gy, ±5% (17 µR - >11 kR, ±5%)		150 nGy/s - 350 mGy/s, ±5% (1.0 mR/min - 2.4 kR/min, ±5%)		1 ms - 300 s ± 0.1% ± 0.2 ms

* or ±0.2 mm Al whichever is greater

** For AGMS-D Dose & Dose Rate measurements below 150 nGy, select model DDX6-WL Solid State Dose Sensor or model 10X6-6 or 10X6-60 ion chamber.

Reference conditions

Mammo: 2.2 mm PMMA compression paddle in beam for all measurements (kVp, dose, hvl). Calibration with large focal spot.

Rad/Fluoro/Dental: 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 – 3.5 mm from top surface.

Working temperature range

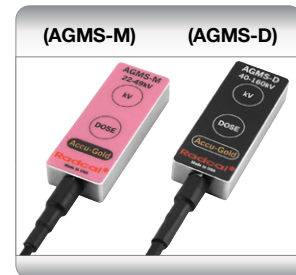
15°C - 35°C (Storage: 0°C / 32°F - 60°C / 140°F)

Humidity

< 80 % (without condensation)

Pressure

700 hPa - 1060 hPa



DDX6-W

Diagnostic range



DDX6-WL

Diagnostic range
(Low dose rates)



DDX6-M

Mammographic range



for use with: *Accu-Gold / Accu-Pro / Accu-Dose*

ACCU-GOLD



ACCU-PRO

ACCU-DOSE



SPECIFICATIONS / TECHNICAL DATA:

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SENSORS:	DDX6-W		DDX6-WL	
Min Rate:	2 μ R/s	20 nGy/s	50 nR/s	500 pGy/s
Max Rate:	23 R/s	205 mGy/s	0.65 R/s	5.7mGy/s
Min Dose:	10 μ R	100 nGy	200 nR	2 nGy
Max Dose:	64 kR	559 Gy	1.8 kR	15 Gy
Accuracy:	\pm 5% using X-rays @ 80kVp with 2.5 mm Al total filtration (IEC 61267 RQR-6)			
Energy dependence:	\pm 5% from 50 kVp to 120 kVp at 2.5 mm Al			
Filtration dependence:	+5% to -10% from 2.5 mm Al to 23 mm Al			

SPECIFICATIONS / TECHNICAL DATA:

All specifications subject to change.

SENSORS:	DDX6-M	
Min Rate:	2 μ R/s	20 nGy/s
Max Rate:	23 R/s	203 mGy/s
Min Dose:	10 μ R	100 nGy
Max Dose:	63 kR	552 Gy
Accuracy:	\pm 5% using Mo Anode X-rays @ 30kVp with 30u Mo filtration (IEC 61267 RQR-M-3)	
Energy dependence:	\pm 5 % from 25 kVp to 30 kVp at 30 μ m Mo	
Energy dependence:	\pm 5 % from 25 kVp to 35 kVp at 30 μ m Mo + 2 mm Al	