

for use with: Accu-Gold+ / Rapid-Gold+

ACCU-GOLD+



RAPID-GOLD+



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
Rad/Fluoro Dental /Mammo (AGMS-DM+) ***	Mammo (AGMS-M+)	Mo/Mo	General	21-49	16-44	0.21-0.50
		Mo/Rh	General	21-49	6-42	0.18-0.56
		Mo/Mo	GE	22-48	16-44	0.24-0.51
		Mo/Rh	GE	22-48	6-42	0.20-0.56
		Rh/Rh	GE	25-48	12-80	0.27-0.78
		W/Ag	General	20-38	12-80	0.17-0.78
		W/Rh	General	20-38	12-78	0.17-0.69
	W/Al*	General	20-50	200-990	0.16-1.00	
	Rad/Fluoro/Dental (AGMS-D+)	W/Al	General	40-160 50-160	2-24 mm 25-40 mm	1.3-13.5**
	Rad/Fluoro/Dental (AGMS-D+) and Mammo (AGMS-M+)	Dose†		Dose Rate / Pulse Rate†		Time
	80 nGy - >100 Gy, ±5% (9.1 µR - >11 kR, ±5%)		80 nGy/s - 200 mGy/s, ±5% (0.55 mR/min - 1.4 kR/min, ±5%) 1 - 120 pulses/s Pulse Length: 1.0ms-300s		1 ms - 300 s ± 0.1% or 0.2 ms	

* Optional calibration order separately

** or ±0.2 mm Al whichever is greater

*** For AGMS-D+ and AGMS-DM+ Dose & Dose Rate measurements below 80 nGy, select model DDX6-WL Solid State Dose Sensor or model 10X6-60 ion chamber.

† Auto corrected to within ±2% for 1.5 mm to 40 mm Al total filtration.

Reference conditions

Mammo: 2.2 mm thick polycarbonate compression paddle in beam for all measurements (kVp, dose, hvl). Calibrated using large focal spot.
Rad/Fluoro/Dental: 12° Tungsten anode.

Size

35.6 mm x 20.0 mm x 11.8 mm

Reference point

Round marking 1 cm diameter midline - 3.2 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

