

# VALUEGEN®



## MODELS V-10/20/30/40/50

SPECS	V-10	V-20	V-30	V-40	V-50
<b>Output Power</b>	<b>10 kW</b> 100mA @ 100 kVp	<b>20 kW</b> 200mA @ 100 kVp	<b>30 kW</b> 300mA @ 100 kVp	<b>40 kW</b> 400mA @ 100 kVp	<b>50 kW</b> 500mA @ 100 kVp
mA Range kVp Range Time	25 to 200 mA 40 to 125 kVp 2ms to 6 sec.	25 to 300 mA 40 to 125 kVp 2ms to 6 sec.	25 to 400 mA 40 to 125 kVp 2ms to 6 sec.	25 to 500 mA 40 to 150 kVp 2ms to 6 sec.	25 to 600 mA 40 to 150 kVp 2ms to 6 sec.
<b>Input Power</b>	Single Phase 208VAC (-10%/+20%) 35A Breaker	Single Phase 208VAC (-10%/+20%) 50A Breaker	Single Phase 208VAC (-10%/+20%) 65A Breaker	Three Phase 208VAC (-10%/+20%) 75A Breaker	Three Phase 208VAC (-10%/+20%) 100A Breaker
<b>Size</b> Cabinet Console	44"x24"x12.5" 7"x10"x2.5"	44"x24"x12.5" 7"x10"x2.5"	44"x24"x12.5" 7"x10"x2.5"	44"x24"x12.5" 7"x10"x2.5"	44"x24"x12.5" 7"x10"x2.5"
<b>Weight</b> Cabinet Console Total	150lb (68kg) 1lb (.5kg) 151 lb (68.5kg)	150lb (68kg) 1lb (.5kg) 151 lb (68.5kg)	150lb (68kg) 1lb (.5kg) 151 lb (68.5kg)	170lb (77kg) 1lb (.5kg) 171 lb (77.5kg)	170lb (77kg) 1lb (.5kg) 171 lb (77.5kg)
<b>Features</b> AEC Bucky Control Tube Protection	Optional Optional Yes	Optional Optional Yes	Optional Optional Yes	Yes Yes Yes	Yes Yes Yes

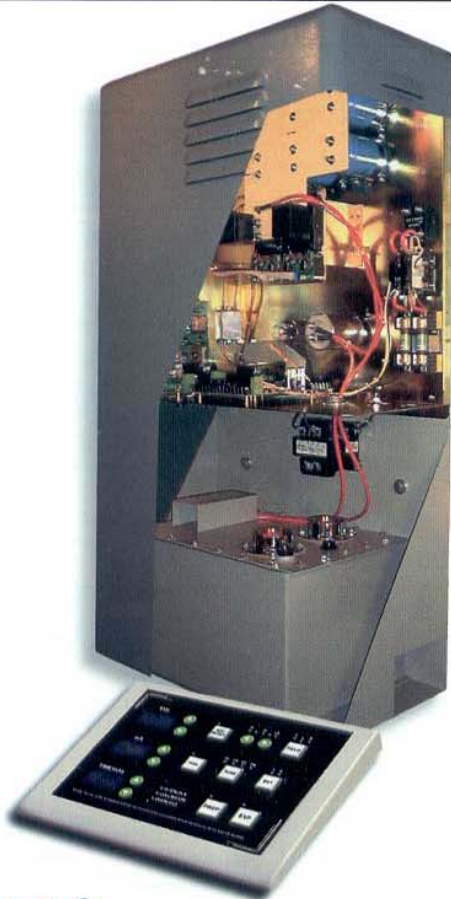


**GTR LABS**  
 510 Elk Street  
 Gassaway, WV 26624  
 Phone (304)-364-2211 FAX (304)-364-2212

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**VALUEGEN®** utilizes DSP Technology for software control of the kVp waveform for excellent linearity and no measurable ripple across the entire performance range. The extensive use of software control provides significant productivity improvements in installation and service of the generator as well.

X-Ray tube characteristic curves are digitized and pre-loaded in software and can be customized for the particular x-ray tube in use.

**DSP  
High Frequency  
X-Ray Generator  
Single Tube RAD**

High Frequency technology is now affordable for all Radiographic applications.

**VALUEGEN®** operates as a 3 factor technique selection generator (kVp, mA and Time) with mAs operation selectable by the operator. The kVp can be varied in 1 kVp steps from 40 to 125 kVp for the V-10/20/30 and 150 kVp for the V-40/50. Exposure time is selectable from 2ms to 6 seconds.

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