

TXR

325

Standard Frequency



THE ULTIMATE IN STANDARD FREQUENCY



WARNING: THIS X-RAY UNIT MAY BE DANGEROUS TO PATIENT AND OPERATOR UNLESS SAFE EXPOSURE AND OPERATING FACTORS ARE OBSERVED.

ETL Listed
MADE IN U.S.A.

325D

Standard Frequency



THE ULTIMATE IN STANDARD FREQUENCY



RARE EARTH AND HIGH PLUS DIGITAL GENERATOR

- Advanced Technology at an affordable price
- 5 Year Warranty

USER FRIENDLY

- All Digital meters and circuits for greatest accuracy, quick start up and easy use with minimal instruction
- Automatic line compensation
- KVP selection 20 through 125 in 1 KVP increments
- Up to 600 MAS selection
- Five step MA selection: 50 and 100 small, 150, 200, 300 large focus
- Timing 1/120 through 6 seconds

- Comes complete with Rare Earth and High Plus Technique Charts

ASSEMBLY

- Easy to install
- 100% pre-tested and calibrated
- Space Efficient
- Complies with 21 CFR Subchapter J. performance standards
- ETL Listed

SPECIAL CIRCUITS AND COMPONENTS

- Automatic Line/KVP meter compensation circuit
- Solid state rotor with sensing 220 start, 50 vac run
- Microprocessor with SCR Contactors
- Automatic Exposure Control (optional)

SPECIFICATIONS

Maximum Output:	300mA @ 125kVp
MAS Range:	to 600
KV Range:	20 - 125 kVp
Line Voltage:	240 (nominal)
Maximum Momentary Current:	137 amps
Wire Size (from distribution to transformer disconnect):	50' - #2 100' - #00 200' - 250mm
SIZE WEIGHT	
Control:	37"H x 18"W x 12"D 150 lbs.
Transformer:	18"H x 18"W x 20" L 325 lbs.

For complete information see 325D User Reference Manual

TXR

Authorized Distributor:

M.D. McCauley Co., Inc.
760-C S. Rochester Ave.
Ontario, CA 91761 USA

Tel 909-390-9313 Fax 909-390-9061
website: www.xraymdm.com

Specifications are subject to change without notice.



BATTERY POWERED SHF SERIES HIGH FREQUENCY X-RAY GENERATORS



CONSOLE WITH OPTIONAL ANATOMICAL PROGRAMMER AND AUTOMATIC EXPOSURE CONTROL

**The Ultimate in high resolution,
low dose radiographic imaging**

Sold in more than one hundred countries

OUR MISSION
Highest Quality, Lowest Prices



HIGH FREQUENCY X-RAY GENERATORS

SPECIFICATIONS

BATTERY POWERED

CONSTANT POTENTIAL POWER RATINGS	20 kW	30 kW	40kW	50kW
RADIOGRAPHIC kVp RANGE IN 1 kVp STEPS ACCURACY	40 - 125/150 ±(1%)	40 - 125/150 ±(1%)	40 - 125/150 ±(1%)	40 - 125/150 ±(1%)
mA RANGE & STATIONS	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500
ACCURACY	±(3%)	±(3%)	±(3%)	±(3%)
POWER OUTPUT	320 mA @ 63 kVp 250 mA @ 80 kVp 200 mA @ 100 kVp 160 mA @ 125 kVp	320 mA @ 93 kVp 300 mA @ 100kVp 250 mA @ 120 kVp 200 mA @ 150 kVp	400 mA @ 100 kVp 320 mA @ 125 kVp 250 mA @ 150 kVp	640 mA @ 78 kVp 500 mA @ 100 kVp 400 mA @ 125 kVp 320 mA @ 150 kVp
EXPOSURE TIME RANGE ACCURACY	0.001 - 10 seconds ±(1%+0.1ms)	0.001 - 10 seconds ±(1%+0.1ms)	0.001 - 10 seconds ±(1%+0.1ms)	0.001 - 10 seconds ±(1%+0.1ms)
mAs RANGE (*)	0.1 - 500 mAs (*)	0.1 - 500 mAs (*)	0.1 - 500 mAs (*)	0.1 - 500 mAs (*)
HIGH VOLTAGE RIPPLE (TYP)	<1 kVp @ 100 kVp	<1 kVp @ 100 kVp	<1 kVp @ 100 kVp	<1 kVp @ 100 kVp
AUTOMATIC EXPOSURE CONTROL (up to 4 Chambers)	Optional	Optional	Optional	Optional
TOMO	Optional	Optional	Optional	Optional
THREE PHASE	Optional	Optional	Optional	Optional
BUCKY'S (2 UNITS STANDARD)	Optional up to 4	Optional up to 4	Optional up to 4	Optional up to 4
ANATOMICAL PROGRAMMING (APR)	Optional	Optional	Optional	Optional
UNINTERRUPTIBLE POWER SUPPLY (1)	Optional	Optional	Optional	Optional
FLUOROSCOPY kVp RANGE IN 1 kVp STEPS ACCURACY	40 - 120 ±(1%)	40 - 120 ±(1%)	40 - 120 ±(1%)	40 - 120 ±(1%)
FLUOROSCOPY FIXED PPS VARIABLE PPS (Optional)	at 50Hz at 60HZ 50 PPS 60 PPS 1, 5 1, 3, 6, 12.5, 25 15, 30	at 50Hz at 60HZ 50 PPS 60 PPS 1, 5 1, 3, 6, 12.5, 25 15, 30	AT 50Hz AT 60HZ 50 PPS 60 PPS 1, 5 1, 3, 6, 12.5, 25 15, 30	AT 50Hz AT 60HZ 50 PPS 60 PPS 1, 5 1, 3, 6, 12.5, 25 15, 30
AUTOMATIC BRIGHTNESS CONTROL	Optional	Optional	Optional	Optional
3/2 POINT OPERATION CONSOLE	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional
LINE VOLTAGE RANGE AND PHASES Phase	110 or 230 VAC - Single Phase	110 or 230 VAC - Single Phase	110 or 230 VAC - Single Phase	110 or 230 VAC - Single
AUTOMATIC LINE COMPENSATION	±15%	±15%	±15%	±15%
STORAGE CAPACITY	52,500 mAs @ 100 kV	52,500 mAs @ 100 kV	127,500 mAs @ 100 kV	127,500 mAs @ 100 kV

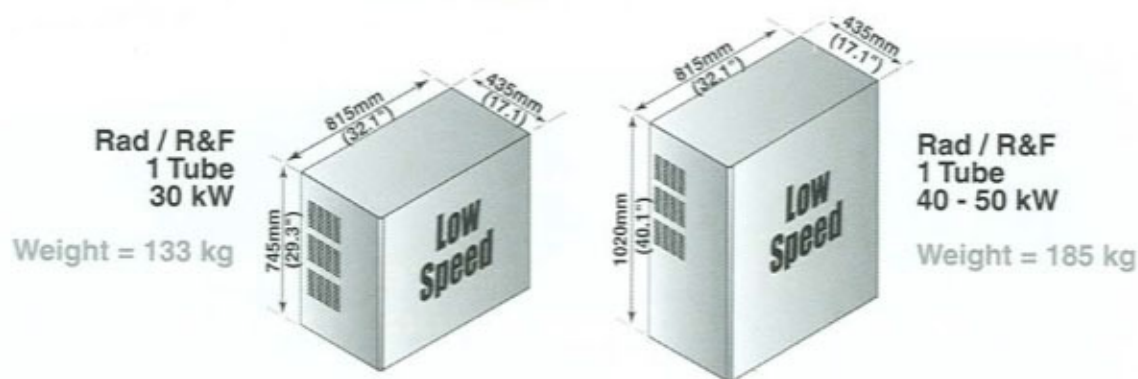
MINIMUM POWER LINE REQUIREMENTS ACCORDING TO IEC 601-2-7 = 2,200 W (X-RAY TUBE + GENERATOR)

(1) UNINTERRUPTIBLE POWER SUPPLY OPTION - (MINIMUM LINE POWER REQUIREMENT = 500 W (X-RAY TUBE + GENERATOR))

(*) 640 mAs - on request

For complete specifications, including three phase line supply, go to website.

POWER CABINET



Manufacturing For The Medical Profession Since 1979 • The New American Symbol For Power, Performance And Quality, Worldwide

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