

IN-SERIES

MEDICAL X-RAY GENERATOR

DEL MEDICAL'S IN-Series is an advanced high frequency X-Ray generator designed for all diagnostic X-Ray applications including radiography, fluoroscopy, and interventional procedures. An enhanced set of hardware and software features provides faster communication and more reliable operation reducing dose and improving image quality, together with customized interfaces for many types of X-Ray systems and components.

Key Highlights

Anatomical Programs Available in Several Languages

Membrane Console Pedestal and Exposure Handswitch are Included

Optional Touchscreen Console

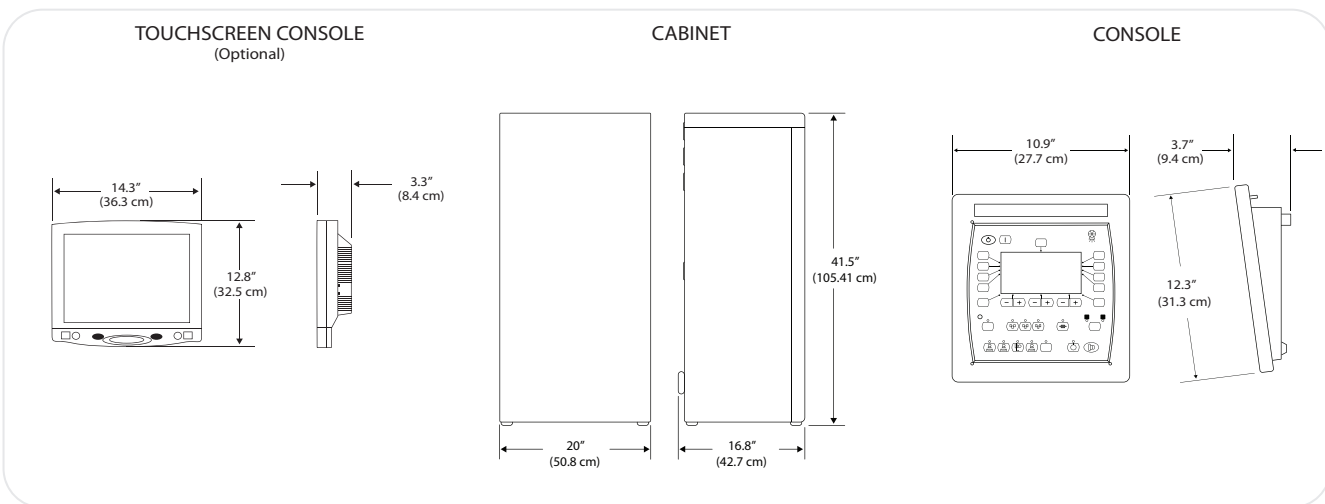
Select from Six Power Levels: 32, 40, 50, 65, 80 & 100 kW



Technical Specifications

* All specifications subject to change without notice

	IN32 (32 kW)	IN40 (40 kW)	IN50 (50 kW)	IN65 (65 kW)	IN80 (80 kW)	IN100 (100 kW)
Application	Radiographic	Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy	Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy	Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy	Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy	Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy
Generator Type	High Frequency Output up to 400 kHz	High Frequency Output up to 400 kHz	High Frequency Output up to 400 kHz	High Frequency Output up to 400 kHz	High Frequency Output up to 400 kHz	High Frequency Output up to 400 kHz
kV Range Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy	40 - 150 kV NA NA	40 - 150 kV 40 - 125 kV 40 - 125 kV	40 - 150 kV 40 - 125 kV 40 - 125 kV	40 - 150 kV 40 - 125 kV 40 - 125 kV	40 - 150 kV 40 - 125 kV 40 - 125 kV	40 - 150 kV 40 - 125 kV 40 - 125 kV
mA Range Radiographic Continuous Fluoroscopy Pulsed Fluoroscopy	10 - 400 mA NA NA	10 - 500 mA 0.5 - 10 mA up to 40 mA	10 - 630 mA 0.5 - 10 mA up to 40 mA	10 - 800 mA 0.5 - 10 mA up to 40 mA	10 - 1000 mA 0.5 - 10 mA up to 40 mA	10 - 1000 mA 0.5 - 10 mA up to 40 mA
Pulse Rates Pulsed Fluoroscopy	NA	30, 15, 7, 5, 3, 1 @ 60 Hz 25, 12, 6, 3, 1 @ 50 Hz	30, 15, 7, 5, 3, 1 @ 60 Hz 25, 12, 6, 3, 1 @ 50 Hz	30, 15, 7, 5, 3, 1 @ 60 Hz 25, 12, 6, 3, 1 @ 50 Hz	30, 15, 7, 5, 3, 1 @ 60 Hz 25, 12, 6, 3, 1 @ 50 Hz	30, 15, 7, 5, 3, 1 @ 60 Hz 25, 12, 6, 3, 1 @ 50 Hz
mAs Range Non-AEC Rotor Supply	0.1 - 630 mAs Low Speed	0.1 - 630 mAs Low Speed	0.1 - 630 mAs Low Speed	0.1 - 630 mAs	0.1 - 630 mAs Dual Speed	0.1 - 630 mAs
Input Phase/Voltage	1 ø/208-230 VAC 3 ø/400-230 VAC	1 ø/208-230 VAC 3 ø/400-230 VAC	3 ø 400/480 VAC	3 ø 400/480 VAC	3 ø 400/480 VAC	3 ø 400/480 VAC
Line Match Transformer (3Ø/208-240VAC)	Yes	Yes	Yes	Yes	NA	NA
Line Voltage Range	±10%	±10%	±10%	±10%	±10%	±10%
High Voltage Ripple Radiographic Continuous Fluoroscopy	<1 kV @ 110 kV NA	<1 kV @ 110 kV <1 kV @ 100 kV	<1 kV @ 110 kV <1 kV @ 100 kV	<1 kV @ 110 kV <1 kV @ 100 kV	<1 kV @ 110 kV <1 kV @ 100 kV	<1 kV @ 110 kV <1 kV @ 100 kV
# of X-Ray Tubes	1 Tube Standard	1 Tube Standard	1 Tube Standard	1 Tube Standard	1 Tube Standard	1 Tube Standard
Exposure Timer Range	0.001 - 6.3 seconds					
Anatomical Programs (APR)	1,024 exam techniques (20,000 + with optional touchscreen)	1,024 exam techniques (20,000 + with optional touchscreen)	1,024 exam techniques (20,000 + with optional touchscreen)	1,024 exam techniques (20,000 + with optional touchscreen)	1,024 exam techniques (20,000 + with optional touchscreen)	1,024 exam techniques (20,000 + with optional touchscreen)
# of Image Receptors	Up to 6	Up to 6	Up to 6	Up to 6	Up to 6	Up to 6
Technique Selection	kV/AEC, kV/mAs, kV/mA/ms	kV/AEC, kV/mAs, kV/mA/ms	kV/AEC, kV/mAs, kV/mA/ms	kV/AEC, kV/mAs, kV/mA/ms	kV/AEC, kV/mAs, kV/mA/ms	kV/AEC, kV/mAs, kV/mA/ms
GenWare Service Software	Yes	Yes	Yes	Yes	Yes	Yes
Documentation	CD manual hard copy optional	CD manual hard copy optional	CD manual hard copy optional	CD manual hard copy optional	CD manual hard copy optional	CD manual hard copy optional
Auxiliary Room & Collimator Power	Yes	Yes	Yes	Yes	Yes	Yes
Exposure Hand Switch	Yes	Yes	Yes	Yes	Yes	Yes
Membrane Console Pedestal	Yes	Yes	Yes	Yes	Yes	Yes
OPTIONS:						
DR Digital Interfaces*	Yes	Yes	Yes	Yes	Yes	Yes
Mini Console Control	Yes	Yes	Yes	Yes	Yes	Yes
Touchscreen Console	Yes	Yes	Yes	Yes	Yes	Yes
Touchscreen Wall Mount	Yes	Yes	Yes	Yes	Yes	Yes
Two Tube Operation	Yes	Yes	Yes	Yes	Yes	Yes
AEC Interface*	Ionization or Solid State*	Ionization or Solid State*	Ionization or Solid State*	Ionization or Solid State*	Ionization or Solid State*	Ionization or Solid State*
Membrane Console Wall Mount	Yes	Yes	Yes	Yes	Yes	Yes



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