

IN Series



X-Ray Generators



IN Series X-Ray Generators⁵⁵

Our IN Series high frequency generators have everything you're looking for in an X-Ray generator. With internationally recognized symbols, up to 5 programmable imaging receptors and a clear radiographic display, we've built a fast, user-friendly device with many exceptional features -backed by the rugged reliability you've come to expect from Del Medical.

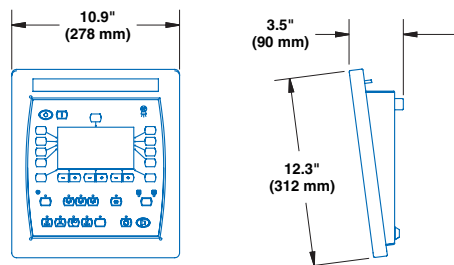
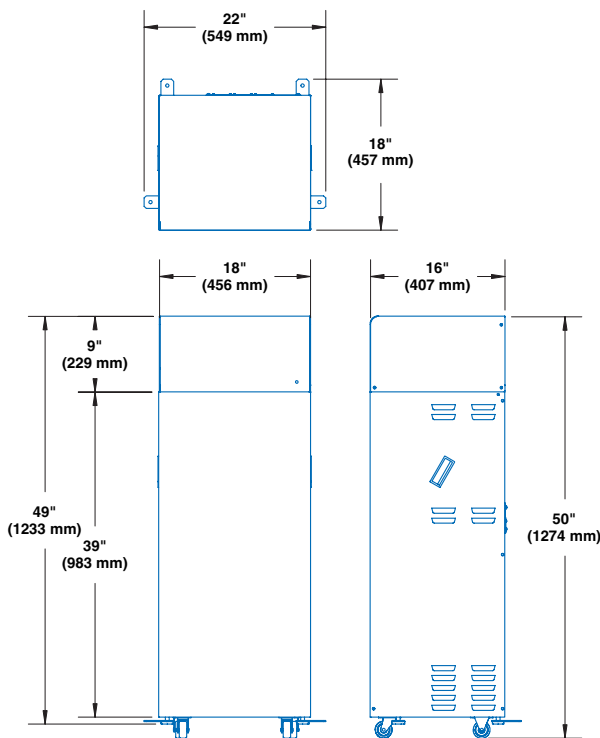
Features

- ▲ Programmable using GenWare™ Service Software or the operator console
- ▲ Operating Modes: kV/AEC, kV/mAs, kV/mA/Time
- ▲ Output frequency 200 kHz +
- ▲ 40/50/65 & 80 kW power levels
- ▲ Compatible with both digital and conventional radiographic systems (DR configurations require optional upgrade interface)
- ▲ Available in pulsed & conventional fluoroscopy versions (optional)
- ▲ Compliance with FDA, UL/CSA, MDD and CE requirements

IN Series – DEL MEDICAL

Del Models	Indico40 [®] (40 kW) ^{2*}	IN50 [®] (50 kW)	IN65 [®] (65 kW)	IN80 [®] (80 kW)
Application	Radiographic	Radiographic	Radiographic	Radiographic
Generator Type	High Frequency Output Frequency 200 kHz +	High Frequency Output Frequency 200 kHz +	High Frequency Output Frequency 200 kHz +	High Frequency Output Frequency 200 kHz +
kV (Radiographic)	40 – 150 kV	40 – 150 kV	40 – 150 kV	40 – 150 kV
mA Range RAD	10 – 500 mA	10 – 630 mA	10 – 800 mA	10 – 1000 mA
Rotor Supply	Low Speed Standard	Low Speed Standard	Low Speed Standard	Low Speed Standard
Line Nominal/Phase ²	1 Phase, 230 VAC, 3 Phase 400 or 480 VAC	3 Phase 400 or 480 VAC	3 Phase 400 or 480 VAC	3 Phase 400 or 480 VAC
Line Voltage Range	± 10 %	± 10 %	± 10 %	± 10 %
High Voltage Ripple (typ.)	<1 kV @ 100 kV	<1 kV @ 100 kV	<1 kV @ 100 kV	<1 kV @ 100 kV
# of X-Ray Tubes	1 Tube Standard	1 Tube Standard	1 Tube Standard	1 Tube Standard
Timer Range, sec.	0.001 – 6.3 sec.	0.001 – 6.3 sec.	0.001 – 6.3 sec.	0.001 – 6.3 sec.
Anatomical Programs	768 techniques	768 techniques	768 techniques	768 techniques
mAs Range Non AEC ^{3*}	0.1 – 630 mAs	0.1 – 1000 mAs	0.1 – 1000 mAs	0.1 – 1000 mAs
# of Image Receptors	5	5	5	5
Technique Selection	1. kV with AEC option 2. kV/mAs 3. kV/mA/Time	1. kV with AEC option 2. kV/mAs 3. kV/mA/Time	1. kV with AEC option 2. kV/mAs 3. kV/mA/Time	1. kV with AEC option 2. kV/mAs 3. kV/mA/Time
Documentation	Manual or CD	Manual or CD	Manual or CD	Manual or CD
GenWare™ Service Software	Yes*	Yes*	Yes*	Yes*
Pedestal Stand	Yes	Yes	Yes	Yes
Exposure Hand-Switch	Yes	Yes	Yes	Yes
Aux Room Power	*	*	*	*
3 Phase, 208 or 240 VAC with Line Adjusting Transformer	Yes*	Yes*	N/A	N/A
OPTIONS				
Touchscreen Console	Yes	Yes	Yes	Yes
Dual Speed Starter	Yes	Yes	Yes	Yes
Optional Tube Stations	2nd Tube	2nd Tube	2nd Tube	2nd Tube
AEC Interface	Ionization, PMT, or Solid State	Ionization, PMT, or Solid State	Ionization, PMT, or Solid State	Ionization, PMT, or Solid State
DR/CR/R/F Digital Imaging Interfaces	*	*	*	*
Dose Area Product Readout (DAP)	Yes*	Yes*	Yes*	Yes*
Wall Mount	Yes	Yes	Yes	Yes

* Consult factory for details.
1. Some models may require additional line transformers. Other voltages are available. Consult factory for details.
2. The mAs limit may be de-rated by software.
Specifications are subject to change without notice.



CONSOLE

