



INDICO 100®

Indico 100® is an advanced ultra high frequency x-ray generator designed for all diagnostic x-ray applications including radiography and fluoroscopy

	INDICO 100® MODELS					
GENERAL SPECIFICATIONS	32 kW	40 kW	50 kW	65 kW	80 kW	100 kW
Generator Type	High Frequency Output (maximum 400 kHz)					
Rotor Supply	Low Speed Starter/optional Dual Speed Starter					
Input Phase/Voltage	1 Φ/208-230 VAC 3 Φ/400-480 VAC		3 Φ/400-480 VAC			
Line Voltage Range	±10%					
Manual Power De-Rating	<10% line					
Compatible X-Ray Tubes	>300 tube models					
Tube Operation	1 tube standard (2 tubes optional)					
Anatomical Programs (Membrane/Touchscreen Console)	1024 / 20,000+ techniques					
Image Receptors	Up to 6					
Technique Selection	kV/AEC, kV/mAs or kV/mA/ms					
Communication Ports	RS232, RS422					
Auxiliary Room & Collimator Power	Standard feature					
GenWare® Service Software	PC-based diagnostics and technical support software					
Documentation	Manuals on CD					
RADIOGRAPHY	32 kW	40 kW	50 kW	65 kW	80 kW	100 kW
kV_p Range/Steps	40 - 150 kV in 1 kV increments					
kV_p Accuracy	±(2% + 1 kV) for 70 - 85 kV, ±(5% + 1 kV) for 40 - 150 kV					
High Voltage Ripple	<1 kV @ 110 kV					
mA Range	10 - 400 mA	10 - 500 mA	10 - 630 mA	10 - 800 mA	10 - 1000 mA	
mA Accuracy	±(5% + 1 mA) measured at +5 ms for exposures > 5 ms ±20% for exposures ≤ 5 ms (≤ 0.5 mAs)					
Exposure Timer Range	1 ms – 6300 ms in 1 ms increments					
Exposure Timer Accuracy (measured at 75% points of kV waveform)	±(2% + 0.5 ms) from 5 ms to 6300 ms, ±(10% + 1 ms) ≤ 5 ms (≤ 0.5 mAs)					
mAs Range (non-AEC)	0.1 - 630 mAs			0.1 - 1000 mAs		
mAs Accuracy	±(10% + 0.2 mAs) for exposures > 5 ms (> 0.5 mAs)					

INDICO 100[®] GENERATOR PERFORMANCE MATRIX

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CONTINUOUS FLUOROSCOPY	32 kW	40 kW	50 kW	65 kW	80 kW	100 kW
kV _p Range/Steps	Not Available	40 - 125 kV in 1 kV steps				
kV _p Accuracy	Not Available	±(2% + 1 kV) for 70 - 85 kV, ±(5% + 1 kV) for 40 - 150 kV				
High Voltage Ripple	Not Available	< 1 kV at 100 kV				
mA Range/Steps	Not Available	0.5 - 10 mA in 0.1 mA steps				
mA Accuracy	Not Available	±(5% + 1 mA) measured at >50 ms ±(20%) for exposures ≤ 6.7mA				
PULSED FLOUROSCOPY	32 kW	40 kW	50 kW	65 kW	80 kW	100 kW
kV _p Range/Steps	Not Available	40 - 125 kV in 1 kV steps				
kV _p Accuracy	Not Available	±(2% + 1 kV) for 70 - 85 kV, ±(5% + 1 kV) for 40 - 150 kV				
mA Range/Steps	Not Available	Up to 99 mA in 0.1 mA steps				
mA Accuracy	Not Available	±(5% + 1 mA) measured at >50 ms ±(20%) for exposures ≤ 6.7mA				
Pulse Rates	Not Available	30, 15, 7.5, 3, 1 @ 60 Hz; 25, 12, 6, 3, 1 @ 50 Hz				
Pulse Width	Not Available	1 - 40 ms in 1 ms steps, up to 50% duty cycle				
OPTIONS	32 kW	40 kW	50 kW	65 kW	80 kW	100 kW
ABS Interface	Not Available	Available - PMT, Photo-Diode, Video or Proportional DC				
Active Dose Reduction (ADR)	Not Available	Available				
Advanced Options Software Kit	Available					
AEC Interface	Available - Ionization, PMT, or Solid State					
Air Kerma Display	Not Available	Available				
Cabinet Wheels (Factory Installed)	Available					
Cine Mode	Not Available					Available
Custom Interfaces	Available (consult factory)					
Digital Imaging Interfaces	Available					
Dose Area Product (DAP) Interface	Available					
Dual Speed Starter	Available					
Falling Load	Available					
Hand/Foot Exposure Switch	Available					
High Level Continuous Fluoroscopy	Not Available	Available - Up to 20 mA				
High Level Pulsed Fluoroscopy	Not Available	Available				
Line Adjusting Transformer (3 Φ/208-240 VAC)	Available				Not Available	
Remote Fluoroscopy Control	Not Available	Available				
Second Filament Drive	Available					
Second Tube Capability	Available					
Standard Console Pedestal	Available					
Standard Console Wall Mount	Available					
Touchscreen Console	Available					
Touchscreen Wall Mount	Available					



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