



MEDICATECH USA®

NeXGen

The Next Generation of Generators
900 Series

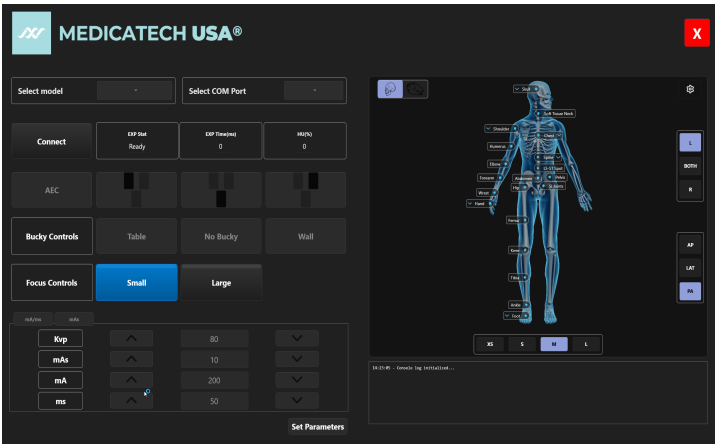


Technical Specifications

Model	NEXGEN-940 (40kW)	NEXGEN-940pa (40kW) Power Assistance	NEXGEN-950 (50kW)
Output Rating	40kW	40kW	50kW
Input Power	230VAC±10%, 50/60Hz, Single-phase	100V/230VAC±10%, 50/60Hz, Single-phase	230V/380V/400V/480VAC ±10%, 50/60Hz, Three-phase
kV Range	40 ~ 125KV, 1kV Step	40 ~ 125KV, 1kV Step	40 ~ 150KV, 1kV Step
mA Range	10 to 500mA	10 to 500mA	10 to 630mA
Time Range	0.001 to 10sec	0.001 to 10sec	0.001 to 10sec
Rotor Supply	Low Speed	Low Speed	Low Speed (Option: Dual Speed Starter)
Max. Power Output	500mA@80kV	500mA@80kV	630mA@80kV
	400mA@100kV	400mA@100kV	500mA@100kV
	320mA@125kV	320mA@125kV	320mA@150kV
Reproducibility	Coefficient of Variation: KV < 0.005, Time < 0.005, mAs < 0.01		
Accuracy	kV<±(3%+1kV), mA<±(5%+1mA), Time<±(1%+1ms), mAs<±(5%+1mAs)		
Linearity	Coefficient of Linearity < 0.01: CL = (X1-X2)/(X1+X2), where X is mR/mAs		

Medicatech USA Innovates :

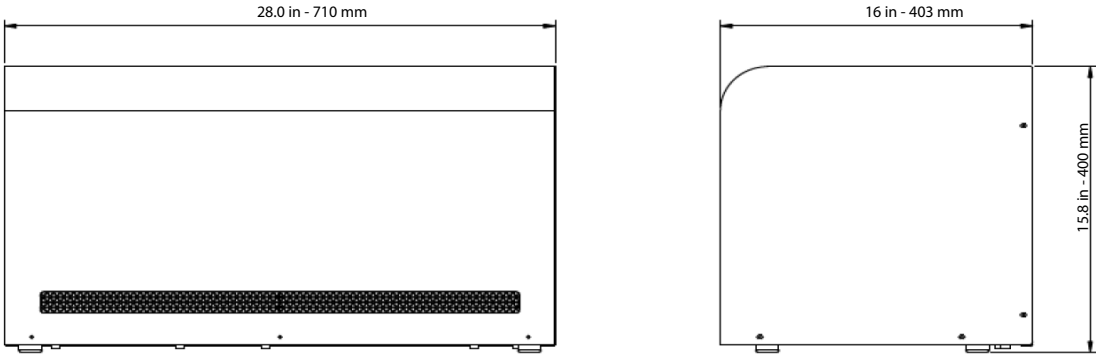
The Nexgen Generator integrates seamlessly with Voyance for full digital control, eliminating the need for a membrane switch. For veterinary use, it features a tube-mounted tablet that can operate independently or mirror Voyance software. All models include a convenient mini-console hand switch.



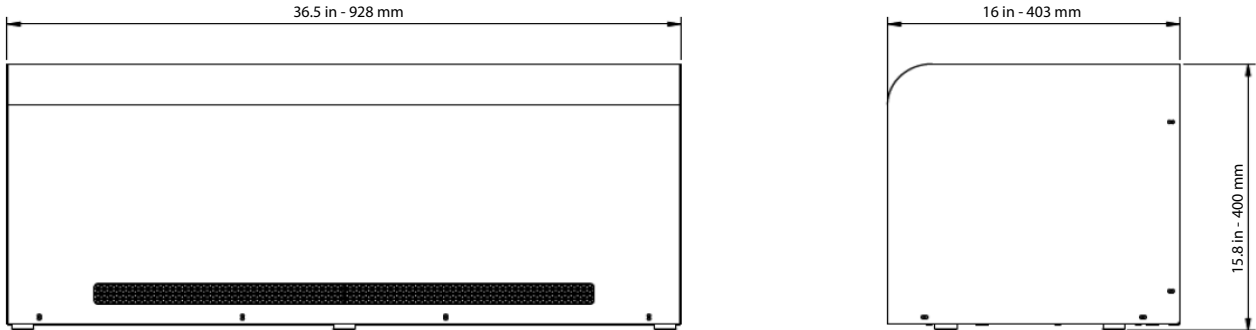
Dimensions:



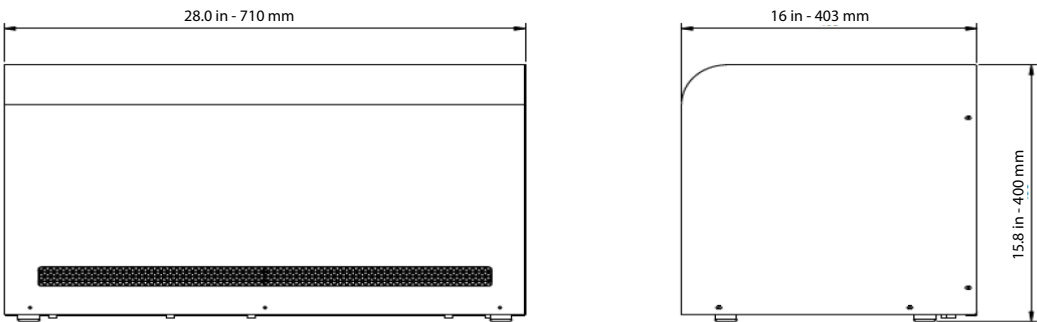
1. NEXGEN-940 (weight: 242 lbs - 110 kg)



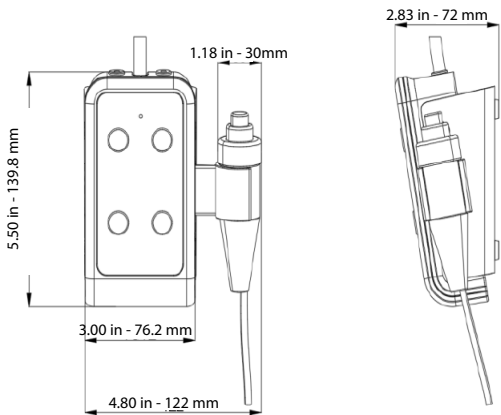
2. NEXGEN-940pa Power Assistance (weight: 308.6 lbs - 140 kg)



3. NEXGEN-950 (weight: 242 lbs - 110 kg)



4. Mini Console Weight: 0.93 lb - 0.42 kg)





MEDICATECH USA®



T. +1 800-817-5030

T. +1 949-679-2881

F. +1 949-679-2882



www.medicattechusa.com



info@medicatechusa.com

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