

Medi/Nuclear Corporation

Radioaerosol Comparison Chart

Insta/Vent™ & Aero/Vent™ Products

	Insta/Vent Plus 2 Tube	Insta/Vent 1 Tube	Aero/Vent MAX 2 Tube	Aero/Vent Plus 1 Tube	Aero/Vent Jr 2 Tube
Model #	IV-600 P	IV-600	AV-500	AV-400+	AV-100 H
Mask Model #	IV-600 PM	IV-600 M	AV-500 M	AV-400+ M	AV-100 HM
Patient Dosing Time ¹	1 – 1.5 minutes	2 -3 minutes	1.5 – 2.5 minutes	3-4 minutes	1.5 – 2.5 minutes
Activity for Lung Ventilation Study	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL
MMAD ²	0.3 μM MMAD	0.3 μM MMAD	0.3 μM MMAD	0.3 μM MMAD	0.3 μM MMAD
Ventilator Model #	IV-600 V	IV-600 V	AV-400+ V	AV-400+ V	AV-100 HV
Patient Dosing Time for Ventilator Kits	3-5 minutes	3-5 minutes	3-5 minutes	3-5 minutes	3-5 minutes
Activity used in Ventilator Kit	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL	20 mCi/mL in 2 mL
Shield	IV-601 Table Top	IV-601 Table Top	AV-501 Table Top	AV-501 Table Top	AV-101 or AV-102 Pole Mt/Table Top
Packaging Lung Kits Ventilator Kit	<u>Case of 24</u> Case of 6	<u>Case of 24</u> Case of 6	<u>Case of 24</u> Case of 6	<u>Case of 24</u> Case of 6	<u>Case of 24</u> Case of 6
Mobile Cabinets	IV-603 or UV-203	IV-603 or UV-203	UV-203	UV-203	UV-203

¹Based on Radiopharmaceutical concentration of 20 mCi/mL in 2 mL volume.

²MMAD is the mass median aerodynamic diameter along with the geometric standard deviation, is used to statistically describe the particle size distribution of any aerosol, based on the mass, shape, roughness, aerodynamic drag and size of the particles.

