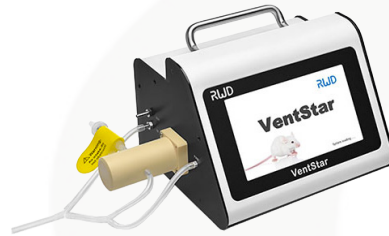


IF YOU NEED...

A **USER-FRIENDLY** SYSTEM

TO VENTILATE UP TO **5 ANIMALS**

TO VENTILATE IN **MRI ENVIRONMENT**



	R415 VentStar	SAR-1000	MRI-1
Volume and/or pressure modes	Both	Both	Volume mode only
Animal size	10g - 1kg	Mouse to guinea pig	Mouse to guinea pig
Number of animals to ventilate	Only 1	Up to 5 - Optional	Only 1 in MRI environment, up to 4 otherwise
Respiratory rate range	10-300 breaths / min	5-200 breaths / min	5-200 breaths / min
Tidal volume range	0,05-5 ml	0,2-30 ml	0.1-30 ml
Inspiratory flow range	N.A.	10-1000 ml/min	60-1000 ml/min
Inhale/Exhale Range (% Insp.)	20-80%	10-90%	20-80%
Internal air pump capacity	1,5 lpm	2,5 lpm	4 lpm
Pressure control range	1-50cmH2O (accuracy $\pm$ 0.7cmH2O)	0-50.0 cmH2O	No pressure control - volume only
Can be used with oxygen and anesthetic gases	Yes	Yes	Yes
Parameters settings	Ventilation parameters are automatically adjusted according to the weight of the animal (suggested only for animals within 10g-500g)	Direct adjustment of tidal volume and other parameters	Manual adjustment thanks to the buttons on the front panel
Internal memory / Possibility to save parameters	Possibility to save up to 10 ventilation parameters	Only the last parameters before switching off the device	Only the last parameters before switching off the device
Connection to a computer	No	Analog outputs - no software/hardware supplied but works with any data acquisition system	Analog outputs - no software/hardware supplied but works with any data acquisition system
Dimensions	32 x 21 x 180 cm	23 x 10 x 23 cm	23 x 14 x 23 cm
Weight	5.1 kg	4,1 kg	6,3 kg