

SimSpray Tech Specs

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Category	Description			
Weight	Device Only (Closed Unit):	225 lbs (102 kg)	Small Crate:	295 lbs (134 kg)
	Palletized:	250 lbs (114 kg)	Large Crate:	330 lbs (150 kg)
Dimensions (H x W x D)	Device Only (Closed Unit):	45" x 29" x 29" (1.143 x 0.747 x 0.747 m)	Small Crate:	35" x 30" x 48" (0.889 x 0.762 x 1.219 m)
	Palletized:	45" x 40" x 48" (1.143 x 1.016 x 1.2192 m)	Large Crate:	42" x 40" x 48" (1.067 x 1.016 x 1.219 m)
Working Space (Zone) Dimensions	Ideal Open Space:	13' H X 15' W x 9' D (~4 x 4.6 x 2.75 m)		
	See Positioning Guide . This zone should be free from or have minimal conductive materials and electromagnetic devices. To reduce interference, the above dimensions include an additional 1-2' (0.3-0.6 m) on sides. Slightly smaller zones may work less optimally.			
Power Requirements	US:	120VAC, 60Hz, single phase, 10 amps (standard USA household wall outlet) (est. max. 5 amps)		
	International:	100-240 VAC, 50/60 Hz, 550 Watts (estimated maximum, tested with US power)		
	Includes country specific power plug adapter. Power extension cord not included.			
SimSpray Peripherals	VRSim Spray Gun, Powder Gun, and/or Blasting Gun (motion tracked) (for 1 active user at a time)			
	Oculus Rift (motion tracked first person perspective video) (1080 x 1200 resolution, 90 Hz, 110° field of view)			
	Touchscreen (touch interface and video) (1080p, 1920x1080 resolution, 60 Hz)			
	Speakers (sound)			
Motion Tracking	Magnetic tracking. See Motion Tracking Best Practices .			
Available External Device Connections	HDMI video to an additional external display (TV or Projector). SimSpray outputs 1080p (widescreen resolution of 1920x1080 in progressive mode) at 60 Hz. Additional external display and cabling not included. Additional external display recommended if showing to 4+ people. Requires additional manual configuration and setup on Computer.			
	USB flash drive. Instructor USB included to collect Student Reports (PDFs) and Lesson Progress (CSV). Optionally, students and workers may want their own USBs, which are not included. System supports 1 USB inserted at a time. Use a non-SimSpray computer to distribute (email), print, make copies of, and/or delete Student Reports from Student Report USB(s).			
Technical Support Needs	Wired internet connection. Requires connecting the included Computer and Mouse. Internet cabling not included. SimSpray normally operates offline, disconnected from any network. Software updates and tech support may require an additional USB and non-SimSpray computer with internet access and access to download files (e.g., Dropbox).			