		Ventilators		AV Capture & Debriefing*	
qube7	**qubeZERO**	**qubeMS2**	**qubeVENT**	**qubeAVgo**	**qubeAVpro**
DEFIGARD Touch7 – Schiller	Generic Simulated Patient Monitor/Defibrillator	MEDUMAT Standard[2] – WEINMANN	Generic Simulated Ventilator (under development)	N/A	N/A
SQqube7	**SQqubeZERO**	**SQqubeMS2**	**SQqubeVENT**	**SQqubeAVgo**	**SQqubeAVpro**
✔	✔	✔	✔	✔	✔
✔	✔	✔	✔	Apple pen & bag back	Rack case
✔	✔				
✔	✔			✔	
✔	✔				
✔	✔				
		✔	✔		
					✔
SQ0657795037157	SQ0657795037157	SQ0657795037157	SQ0657795037157		
SQ0657795033319	SQ0657795033319				
SQ0657795033326	SQ0657795033326				
SQ0657795033340	SQ0657795033340				
SQ0657795033333	SQ0657795033333				
✔	✔				
✔	✔				
		✔	✔		
✔	✔				
				✔	✔
24 in. x 15.75 in. x 11.5 in.	24 in. x 15.75 in. x 11.5 in.	24 in. x 15.75 in. x 11.5 in.	24 in. x 15.75 in. x 11.5 in.	24 in. x 24 in. x 17 in.	Box 1: 24 in. x 24 in. x 17 in. Box 2: 35 in. x 21 in. x 9.8 in.
15.65 lbs. (11.57 lbs.)	15.65 lbs. (11.57 lbs.)	11.35 lbs. (10.7 lbs.)	11.35 lbs. (10.7 lbs.)	20.4 lbs. (19 lbs.)	50 lbs.

ALEX / AXEL

HELLO,
MY NAME IS **ALEX / AXEL**

I am the only patient simulator with speech recognition ability.

ALEX: I respond to clinical interview questions with answers related to my scenario.

AXEL: I have a manual microphone/speaker so facilitator and student can speak to each other.

I am the first patient simulator with a built-in HD camera.

IrisCam™ streams low latency video from the right eye.

AXEL and ALEX Plus can record 1,000 hours of video.
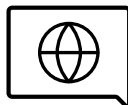
ALEX Pro has unlimited recording.

I am cloud-connected and accessible from all your devices.

Goodbye instructor workstations & access licenses.

My vital sounds are crystal clear in any stethoscope.

Wireless SmartScope™ plays realistic sounds driven by under-skin location tags.

ALEX: I speak & understand English, French, and Spanish.

I am learning new languages all the time so I can help train more learners all around the globe.

I am affordable to help you make simulation ubiquitous.

Fully equipped including 5-year warranty (1-year for ALEX LITE) and all cloud services.

ALEX AXEL

IrisCam™ HD camera in the eye for patient point-of-view live streaming and debriefing. **ALEX Plus & AXEL:** can record 1,000 hours of video. **ALEX Pro:** Unlimited recording.

Conversation: activate AI feature with shoulder touch: responds to thousands of medical patient questions (ALEX models only). Built-in microphone and speakers facilitates real-time conversation.

CPR with LIVE metrics charting depth, rate and ventilations.

Spontaneous Breathing: Synchronized with Respiratory Rate.

Patient Monitor with Vitals And Waveforms, HR, RR, ETCO2, SPO2, TEMP, BP, ECG & MAP.

Palpable pulses: bilateral, carotid, brachial, radial, dorsalis pedis.

Female Conversion Kit:
101-7160 Light Skin Tone
101-7160M Medium Skin Tone

Airway: oral, digital, and nasal intubation, as well as all other standard airway procedures.

Bilateral Blood Pressure (Manual & 2-step BP) with SmartScope™ & SmartCuff™

Anterior heart and bowel sounds, anterior/posterior lung sounds with SmartScope™.

Height: 5 ft. 1 in. (1.55 m)
Skin Tones:
Available in ⬤ Light and ⬤ Medium.

SOFTWARE HIGHLIGHTS

Real-Time Remote Simulation Control
Adjusts vitals, speech, and sounds using any Internet-connected device. Collect checklist data, watch live video.

Patient Authoring
Create new patients by customizing vitals, checklists, patient file, and all speech questions and responses. Share and collaborate with other ALEX/AXEL/PCS users. Scenarios included with customizable patients, virtual patients (for ALEX Pro), patient orders.

Included Wi-Fi® tablet for simulator setup & use

Simulation Archive
Search and review your past simulation sessions with trend charts, logs, and checklists. View Events, Objectives & Orders Log Entry Record, Communication Transcription Log Entry Record.

Access Control
Student access for patient file and vitals monitoring. Share full simulator control and patient scenario authoring with collaborators. Access to Teamspace.

ALEX**LITE**

Includes: manikin with all physiological features, preconfigured Wi-Fi® tablet, web-based control, access sharing and content authoring, advanced speech features (250 questions/day), IrisCam™ live streaming, 60 days of simulation log archive, 1-year warranty.

101-7130 Light   **101-7130M** Medium

ALEX**PLUS**

Includes: all LITE features and increased requests (1,000 questions/day), IrisCam™ recording (1,000 hours of sessions stored online), live CPR with metrics charting depth, rate & ventilations, 365 days of simulation log archive, 5-year warranty.

101-7140 Light   **101-7140M** Medium

ALEX**PRO**

Includes: all PLUS features and unlimited number of requests, unlimited IrisCam™ recording, 5-years of simulation log archive, live CPR with metrics charting depth, rate & ventilations, model-driven physiology, drug treatments, 5-year warranty.

101-7150 Light   **101-7150M** Medium

AXEL

Includes: all ALEX PLUS features and manual microphone/speaker, IrisCam™ recording (1,000 hours of sessions stored online), 365 days of simulation log archive, live CPR with metrics charting depth, rate & ventilations, model-driven physiology, drug treatments, 5-year warranty.

101-7210 Light   **101-7210M** Medium

Optional IV Arm in 2 Skin Tones
101-8029 ALEX/AXEL Optional IV Arm Light Skin Tone – Right
101-8029M ALEX/AXEL Optional IV Arm Medium Skin Tone – Right

ALEX Upgrades
101-8030UPPLUS ALEX Upgrade Lite To Plus
101-8030UPPRO ALEX Upgrade Lite To Pro
101-8040UPPRO ALEX Upgrade Plus To Pro

ALEX Extended Warranty
101-8040EXS ALEX Plus Extended Yearly Service Fee
101-8050EXS ALEX Pro Extended Yearly Service Fee

ALEX / AXEL Comparison Chart

Weight: 45 lbs. (20 kg) **Height:** 5 ft. 1 in. (1.55 m) **Sh. wt.** 67 lbs. (30 kg) **Sh. Dimensions:** 41" H x 19.5" W x 15" D	ALEX **LITE**	ALEX **PLUS**	ALEX **PRO**	AXEL
Light Skin Tone	**101-7130**	**101-7140**	**101-7150**	**101-7210**
Medium Skin Tone	**101-7130M**	**101-7140M**	**101-7150M**	**101-7210M**
Adult/Adolescent Full Body Patient Simulator	$	$$	$$$	$$
Speech Recognition (NLP)	Up to 250 questions per day	Up to 1,000 questions per day	Unlimited	Manual microphone/speaker allows facilitor and student to speak to each other.
Intubation – Oral, Nasal and Digital	Yes	Yes	Yes	Yes
Palpable Pulses – Bilateral	Yes	Yes	Yes	Yes
Carotid	Yes	Yes	Yes	Yes
Brachial	Yes	Yes	Yes	Yes
Radial	Yes	Yes	Yes	Yes
Dorsalis Pedis	Yes	Yes	Yes	Yes
Bilateral Blood Pressure (Manual & 2-step BP) with Smartscope & Smartcuff	Yes	Yes	Yes	Yes
Anterior Heart and Bowel Sounds with Smartscope	Yes	Yes	Yes	Yes
Anterior/Posterior Lung Sounds with Smartscope	Yes	Yes	Yes	Yes
Spontaneous Breathing – Synchronized with Respiratory Rate	Yes	Yes	Yes	Yes
BVM Ventilation	Yes	Yes	Yes	Yes
Patient Monitor with Vitals And Waveforms	Yes	Yes	Yes	Yes
HR, RR, ETCO2, SPO2, TEMP, BP, ECG & MAP	Yes	Yes	Yes	Yes
Virtual AED/Pacing & 12 Lead ECG	Not Available	Yes	Yes	Yes
CPR with Metrics Charting Depth, Rate & Ventilations	LOG	LIVE	LIVE	LIVE
Real-Time Remote Simulation Control	Yes	Yes	Yes	Yes
Scenarios Included with Customizable Patients	Yes	Yes	Yes	Yes
Measurable Objectives with Automated Assessment	Yes	Yes	Yes	Yes
Patient Orders	Yes	Yes	Yes	Yes
Model-Driven Physiology	Not Available	Not Available	Yes	Yes
Drug Treatments	Not Available	Not Available	Yes	Yes
Built-In Microphone and Speakers	Yes	Yes	Yes	Yes
Events, Objectives & Orders Log Entry Record	Yes	Yes	Yes	Yes
Communication Transcription Log Entry Record	Yes	Yes	Yes	Not Available
Iris Cam – Live Stream	Yes	Yes	Yes	Yes
Iris Cam – Recording	Not Available	1,000 hours	Unlimited	1,000 hours
Simulation Log Archive	60 days	1 year	5 years	1 year
Teamspace	Not Available	Not Available	Yes	Not Available
Cloud Connected Control	Yes	Yes	Yes	Yes
Virtual Patient	Not Available	Not Available	Yes	Not Available
Warranty	1 year	5 years	5 years	5 years
IV Arm – Optional	Optional	Optional	Optional	Optional
Female Conversion Kit – Optional	Optional	Optional	Optional	Optional

learner-driven, self-service simulation

Intelligent Digital Patients for All Healthcare Disciplines

Spark (Digital Patients) brings scalable, accessible clinical interview training to students anytime, anywhere. Students talk to digital patients using an AI speech engine to collect relevant information. From there, they can examine patients from head to toe, order labs/medical imaging, diagnose, and provide drug treatments with life-like physiological reactions. Automated performance assessment instantly reports areas where students excel and must improve. Run one of 16 bundled patient cases or create your own with the advanced case authoring tool. Provide unique live, multiple user training sessions where students remotely team up to assess and diagnose one patient. PCS Spark works across PC, Mac, iOS, and Android devices with Internet access.

Spark

101-7235 Digital product

Spark Plus
- Model-driven physiology, treatments and TeamSpace for multiplayer simulations.

101-7245 Digital product

Spark Pro
- Includes all Plus features and VR access with real-time data integration API.

101-7255 Digital product

Spark Learner Annual License

101-7260