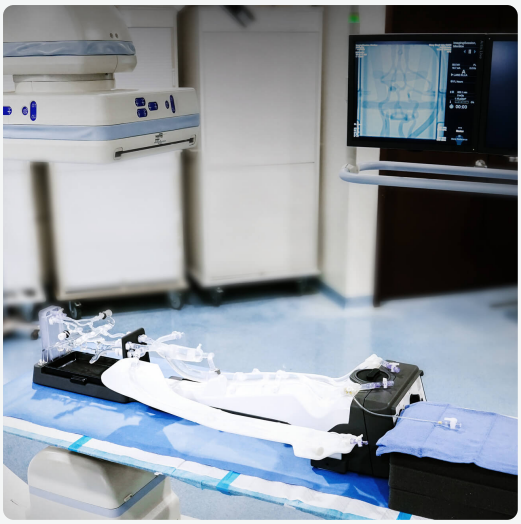


SIM Agility

The most advanced ALL-IN-ONE agile flow solution with ready-to-go functionality brings new opportunities to the medical device industry and healthcare systems

Designed for optimal agility for physician and device learning and research – SiM Agility is the latest, ready-to-use neurovascular flow system that performs under realistically simulated flow and accurately replicated anatomies for life-like tactile feedback. This feedback provides interventionalists with maximized competence and confidence over clinical procedures, redefining training and research standards.As a highly compact and portable Physical SiM, optimized for a fast setup and straightforward use for comprehensive physician learning and complete support for the entire device lifecycle.

ORDER TODAY

This Product is designed for: Interventional neuroradiologists | Medical professionals working in a cath lab | Medical device educational and field staff

Limitless Versatility

Configure various neurovascular, vascular, and radial silicone vessels to the system from 3D rotational angiography, CTA, or custom.

Realistic Representation

SIM Agility allows for a high-fidelity device performance for pre-operative training and patient-specific rehearsal under live fluoroscopy (no image artifacts).

Highly Portable

Light, fast set-up and breakdown (3-minutes), with straightforward operation fully integrated pump with adjustable systemic flow - built to support professionals anywhere, with the ability to swap modules for various cases easily

Angiography Compatible

Fully compatible under angiography with no image artifacts (metal-free system).

Features & Benefits

Key Benefits

ALL-IN-ONE agile flow solution with ready-to-go functionality

Increase product quality and market/IP-IFU sustainability

Custom-configurable, durable, and multiple-use silicone vasculature models

Pre-operative planning and patient-specific rehearsal - delivered within days

Transparent models allowing direct or fluoroscopic visualization of device deployment

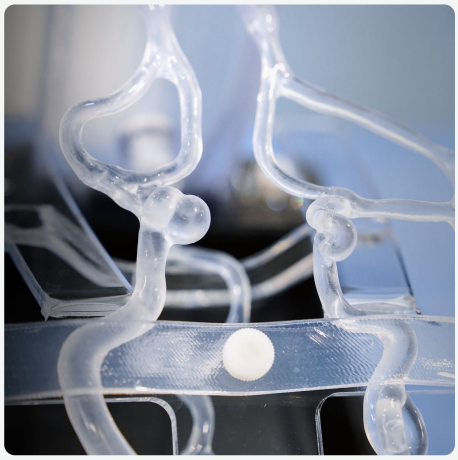
Features

- Extensive library of neuro and thoracoabdominal models
- Replication of multiple disease states including unruptured aneurysms and ischemic stroke.
- Patient-specific models from your 3DRA or CTA - delivered within days.
- Pre-operative planning and patient-specific rehearsal
- True tactile feedback using real clinical devices
- Customizable platform – interchangeable cerebral/radial/aortic anatomies
- Low maintenance and straight forward operations offering fully adjustable systemic flow with built-in-heat, automatic priming and draining.
- Fast swap of Neuro anatomies - no need for complete draining
- Ability to add radial access extension enabling left and/or right radial access module anatomy
- Replication of multiple disease states including unruptured aneurysms and ischemic stroke.

REFLEX SILICONE

Customizable Silicone Vasculature Models – Durable multi-use silicone with high level of accuracy

- Highest realism and tactile feedback through proprietary technology with the integration of 3D printing for silicone and proprietary luminal coating of silicone.
- All patient-specific anatomies are segmented from 3DRAor CTA scans through FDA-cleared and CE-marked software – competitive turnaround.
- Extensive 'ready-to-order' library of neuro, radial and thoraco-abdominal models.
- Multiple pathologies, including: Unruptured aneurysms - coils, flow diverters, intrasaccular device, balloon remodeling technique (BRT), stent assisted coiling)
- Ischemic stroke - Aspiration and stent retriever using ASIST Technology.
- Compatible with real contrast agents and fluoroscopy systems, including diagnostic applications.
- Translucent silicone models providing immediate device deployment visualization or camera when image modalities are not available.



Technical Specification

Transport Case plus system, incl. accessories

- Weight:20.0 kg (44.0 lbs) / Size: 47 x 17 x 11 in / 120 x 43 x 27.5 cm
- System Only Weight: 6.1 kg (13.5 lbs) / Size: 40 x 13 x 6.8 in / 102 x 33 x 17 cm*
- Recommended table size: 4 ft x 1.5 ft/120 x 50 cm

Set-up/breakdown

- Average set-up time: 2-3 min
- Average neuro anatomy swap time: 1 min
- Power: 100-240 V
- Fill time: 45 sec
- Drain time: 3 min

Functional data

- Flow Rate: 3 - 13.5 ml/sec.
- Tank Capacity: 1.5 L
- Max Heat: 37 C in 15 minutes from room temperature
- Systemic Pressure 85 to 110 mmHg, dependent on anatomy

Packaging

- Travel Friendly professional case - SKB model

Contact us for more information