



SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM- Scientific Educative Methods in Science, Engineering & Medicine

Mobile : +91 88495 63724
Mobile 1: +91 98791 03905

Email: sem@semtrainers.com
Website: www.semtrainers.com



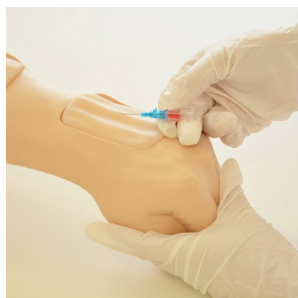
Simulator Intravenous ARM III

Item No. MW49
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories:Adult Patient Care



Product Description

Features

Two types of injection pads for venous line placement (forearm/ back of hand) Two types of injection pads for cubital fossa (regular and durable)

Training skills / Applications

Set includes

Size (approx.)

Power source

Power requirements (approx.)

Replacement parts

Related products

Recommended devices

Update

Anatomy of the arm Vacuum tube blood collection Palpation /Intravenous injection IV cannula placement and drip infusion Blood collection with a syringe/Flash-back confirmation
2 arm model / 2 supporting stand / 2 injection pad (R pad) / 2 injection pad (D pad) / 4 injection pad (forearm/antebrachial) / 2 injection pad (back of hand) / 1 circulation pump with a plastic jar / 2 bottle with stand (for sim blood) / 1 simulated blood (10 swab pack) / 2 arm vessels anatomy sleevelet / 1 storage case qty / instruction manual qty
W54 x D11 x H11cm (arm model, each)
AC100V-240V 50/60Hz
5W
11267-300-03 R pad (set of 2) 11430-020 D pad (set of 2) 11388-200 pad for forearm/antebracheal (set of 2) 11388-300 pad for back of hand(set of 2) 11267-300-02 supporting stand 11267-300-05 circulation pump 11388-400 simulated blood (10 swab pack) 11430-010 arm vessels anatomy sleevelet
Peripheral Venous Catheter Placement Simulator
IV cannula 23G syringe needle 23G butterfly needle 23G
December 4, 2024

Why Choose the Kyoto Kagaku Simulator Intravenous Arm III (MW49) for Your Clinical Skills Lab in India?

The Simulator Intravenous Arm III (Item No. MW49) is a dual-arm IV cannulation and venipuncture training system from Kyoto Kagaku, Japan — the most comprehensively equipped IV arm trainer in this catalogue, and the only one that ships as a complete two-arm kit with four interchangeable injection pad types covering every primary venous access site used in clinical practice. For nursing colleges, medical schools, phlebotomy programmes, emergency medicine training units, and clinical skills labs in India that need simultaneous bilateral training capability, the widest range of venous access sites, and a surface anatomy learning tool built into the same kit, the MW49 is the correct choice.

Two Complete Arm Models — Train Two Trainees Simultaneously

The MW49 includes two full arm models, each with its own supporting stand and circulation pump setup — allowing two trainees to practise simultaneously on separate arms without sharing equipment. This doubles throughput in skills station and OSCE settings compared to single-arm trainers, and allows paired practice where one trainee works while the other observes and assesses.

Four Interchangeable Injection Pad Types — All Primary Venous Access Sites

The pad system covers every primary IV access site in adult clinical practice:

- **R Pad (Cubital Fossa — Regular):** Standard antecubital fossa venipuncture and IV cannula insertion — the most common venous access site in adult practice
- **D Pad (Cubital Fossa — Durable):** High-durability antecubital pad for high-volume training environments where regular pad life is a concern
- **Forearm/Antebrachial Pad:** Forearm venous access training including the median antebrachial and accessory cephalic veins
- **Dorsal Hand Pad:** Dorsal metacarpal and digital vein access — the most anatomically difficult and clinically important secondary access site

Each pad type is individually replaceable — only the worn pad needs replacing, not the entire arm.

Anatomy Sleevelet — Surface Vein Identification Training

An arm vessels anatomy sleevelet is included for each arm model, overlaying the surface anatomy of the major arm veins for guided identification training before procedural practice begins. This is the only IV arm trainer in this catalogue with an integrated surface anatomy learning tool.

Simulated Blood Flashback Confirmation

A circulation pump circulates simulated blood through the vein system of each arm model. Correct needle or cannula placement produces blood flashback confirmation — the same tactile and visual confirmation used in live venipuncture. Simulated blood (10 swab pack per arm) and standalone bottles with stand are included.

Skills Trainable on the MW49:

- Upper limb vascular anatomy identification (with anatomy sleevelet)
- Vacuum tube blood collection
- Palpation technique
- Intravenous injection
- IV cannula placement and drip infusion
- Blood collection with syringe
- Flashback confirmation technique

Recommended Devices: IV cannula 23G · Syringe needle 23G · Butterfly needle 23G

Power Supply: AC 100–240V, 50/60 Hz (5W) — fully compatible with Indian mains, no adaptor required.

Replacement Parts Available:

- 11267-300-03 — R pad (set of 2)
- 11430-020 — D pad (set of 2)
- 11388-200 — Pad for forearm/antebrachial (set of 2)
- 11388-300 — Pad for back of hand (set of 2)
- 11267-300-02 — Supporting stand
- 11267-300-05 — Circulation pump
- 11388-400 — Simulated blood (10 swab pack)
- 11430-010 — Arm vessels anatomy sleevelet

Box Contents: 2 arm models · 2 supporting stands · 2 R pads (cubital fossa regular) · 2 D pads (cubital fossa durable) · 4 forearm/antebrachial pads · 2 dorsal hand pads · 1 circulation pump with plastic jar · 2 bottles with stand (for simulated blood) · 1 simulated blood (10 swab pack) · 2 arm vessels anatomy sleevelets · 1 storage case · instruction manual.

Why Buy from SEM Trainers? SEM Trainers & Systems has over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states in India. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support.

Frequently Asked Questions

Q: How many arm models are included? A: Two complete arm models, each with its own supporting stand — allowing two trainees to practise simultaneously without sharing equipment.

Q: What venous access sites can be trained on this simulator? A: Four sites — antecubital fossa (standard and durable pads), forearm/antebrachial, and dorsal hand. All four pad types are included in the box.

Q: What is the anatomy sleevelet used for? A: The arm vessels anatomy sleevelet overlays the surface anatomy of the major arm veins on the arm model, allowing trainees to learn and identify surface venous landmarks before beginning needle insertion practice.

Q: Are replacement pads available when worn? A: Yes — all four pad types are available as individual replacement sets. Contact SEM Trainers for current consumables pricing.

Q: Is the power supply compatible with Indian mains? A: Yes. The circulation pump accepts AC

100–240V at 50/60 Hz — no voltage adaptor is needed anywhere in India.

Q: What needle sizes are recommended? A: IV cannula 23G, syringe needle 23G, and butterfly needle 23G — matching the instruments used in clinical practice.