

# TOMMANIKIN® Basic

REV051222

## Enhances TCCC Instruction

Introducing North American Rescue's latest offering in state-of-the-art training simulators, the TOMManikin® - Tactical Operation Medical Manikin. The TOMManikin® simulators provide the ability to enhance training in Tactical Combat Casualty Care (TCCC) from Point of Injury to transfer of higher care. This all-in-one system allows instructors to build multiple realistic traumatic casualty scenarios with reactive patients. The TOMM Series is designed for use in classroom settings, trauma lanes and field training scenarios. Unique advantages to the system include multiple, available interchangeable appendages that can present a variety of wounding patterns such as gunshot, blast and burns to provide full mission profiles in combat scenarios, disaster re-creations and mass casualty events.

Constructed of silicone and welded steel, TOMManikin® weighs more than 160 pounds with extremities that can withstand up to 6,000 pounds of pressure, making these rugged remote controlled simulators the ideal choice for confined space, building collapse, care under fire, and entrapment training scenarios. Intervention capabilities on all manikins include tourniquet application, airway management (basic to advanced), needle decompression, chest tube, IV/IO, and wound packing.

The BASIC TOMManikin features partial amputation to arm, full amputation to leg ~ both tourniquet-responsive.



## Specifications:

- All-in-one, hyper-realistic trauma simulator enabling instructors to build multiple realistic traumatic casualty scenarios with reactive patients
- Industry-leading durable construction features a powder-coated, welded steel frame, solid steel joints and rugged silicone skin with extremities interchangeable between all TOMM platforms
- Bends and rotates for realistic patient movement at the arms, legs and waist
- Intervention capabilities include tourniquet application, airway management (basic to advanced), needle decompression, chest tube, CPR chest compression, pelvic stabilization, IV/IO, and wound packing
- Onboard power via a 12v / 5 amp & 10 amp standard nickel metal hydride (NiMH) batteries
- 1.2 gallon onboard blood reservoir facilitating massive bleeding from multiple locations
- BASIC TOMManikin® features partial amputation to arm, full amputation to leg ~ both tourniquet-responsive

## Dimensions:

- Pelican Accessories Case: L 13.74 in. x W 11.63 in. x D 5.9 in.
- Weight: Manikin - 180 lb | Total package: 240 lb

## TOMMANIKIN® - Basic

| ITEM #  | STYLE | NSN # |
|---------|-------|-------|
| 93-0035 | Basic | --    |



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## Operational Medical Procedures:

- Tourniquets (proximal, junctional, and abdominal tourniquets)
- Active bleeding controllable by direct pressure on pressure points
- Wound packing with realistic bleeding control
- Nasopharyngeal and oral airways, supraglottic airway insertion and endotracheal intubation
- Surgical airway with realistic bleeding and tissue dissection. 35 operative sites included
- Remote controlled breathing rates: Slow, Normal, and Fast
- Bilateral Needle Decompression at either 2nd/3rd intercostal (mid-clavicular), or 5th/6th intercostal (mid-axillary) locations
- Realistic chest seal application & adhesion
- Chest Tube capable (bilateral)
- Radial pulses in uninjured upper extremities and bilateral carotid pulses
- Variable pulse rate & pressure (Normal, bounding, thready)
- IO (sternal & humoral) and antecubital IV access on uninjured upper extremities



## Basic TOMMANIKIN® Package:

- 1 x TOMManikin, BASIC with partial amputation to left arm, full amputation to right leg
- 1 x ITTS Advanced Remote Tablet and Software
- 1 x 12v / 5 amp rechargeable NiMH battery with Smart Charger
- 1 x 12v / 10 amp rechargeable NiMH battery with Smart Charger
- 1 x 1.2 gallon onboard blood reservoir
- 1 x 1400 Black Pelican Accessories Case
- 1 x T handle tool (for extremity changing) and various air & fluid replacement connectors
- 1 x TOMManikin Operator's Manual
- 1 x 1-year warranty document

## Additional Kit Features:

- NARS Advanced Remote Tablet and Software enabling wireless control of multiple TOMManikin® units with capabilities of bleeding, breathing, multiple voice tracks, pulse rates, pulse pressure and realistic responses to responder interventions
- T handle tool (for extremity changing) and various air & fluid replacement connectors
- Velcro uniform
- NAR IFAK
- 35 'bleeding' operative sites for surgical airways and chest tubes
- 2-way communication instructor-worn Bluetooth® headset

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