# SmartDummy™ Specifications

LION®

## MANIKINS



**SmartDummy™ Rescue Manikin**

LION SmartDummy's are durable, constructed with crush resistant materials, a rugged outer shell, Drag Rescue Device (DRD) strap and removable boots. They are realistically weighted, and have no pinch points.

**Weight** 55 lbs. or 110 lbs.
**Height** 5' 10"; ~ 5' 11" with boots
**Operating Conditions** Continuous Exposure 110°F
Brief Periods (no more than 5 mins) 400°F
Incidental Exposure (no more than 1 min) 500°F



**SmartDummy™ Extrication Manikin**

LION SmartDummy's are durable, constructed with crush resistant materials, a rugged outer shell, Drag Rescue Device (DRD) strap and removable boots. They are realistically weighted, and have no pinch point. Includes removeable limbs for expanded training scenarios.

**Weight** 55 lbs. or 110 lbs.
**Height** 5' 10"; ~ 5' 11" with boots
**Operating Conditions** Continuous Exposure 110°
Brief Periods (no more than 5 mins) 400°F
Incidental Exposure (no more than 1 min) 500°F



**SmartDummy™ Thermal Manikin**

LION SmartDummy Thermal is durable with a rugged outer shell and embedded heat emitters which produce a real heat signature for TIC training.

**Weight** 65 lbs.
**Height** 5' 10"; ~ 5' 11" with boots
**Battery** 24V - 18Ah
**Battery Operation** 4 - 5 hrs charging / ~2.5 hrs run time
**Battery Charger** 230V @ 1.5A or 115V @ 3.0A 50/60 Hz input; 4.3A @ 27.6VDC output
**Heater** 160 W
**Warm Up Time** 5 to 10 minutes
**Temperature** 20–30°F
**Operating Conditions** Continuous Exposure 95°F
Brief Periods (no more than 10 mins) 140°F



**SmartDummy™ Voice Box**

Adds realistic audio cues to rescue and limited-visibility search training. It records and plays custom messages or sounds and can be sound-activated to help trainees locate the SmartDummy or receive simulated victim information.

**Dimensions** 3.5" x 5.75" x 1.5"
**Weight** 1 lbs.
**Power** 4 AA batteries
**Usage** up to 9 hrs (continuous mode) or up to 15 hrs (sound-acvtivated mode)
**Volume** 0-80 dB at 3 ft.



**Protective Coveralls**

Help protect the SmartDummy from heat, abrasion, dirt, and wear during demanding training exercises. The coveralls improve durability and help extend the service life of the manikin.

**Dimensions** 9" x 14" x 3"
**Weight** 3 lbs.
**Construction** Cotton blend or Nomex

## AVAILABLE ADD-ONS



**Weighted Vest**

Adds adjustable weight to the SmartDummy for more realistic rescue, lifting, and victim-transport exercises. The vest allows trainers to increase the difficulty of scenarios while better simulating the weight of a victim.

**Weight** Adjustable up to 60 lbs.
**Construction** Reinforced nylon

All training products include a 1 year warranty and are made the United States of America, unless otherwise specified.