

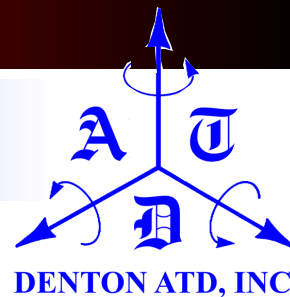
NEW

CRABI

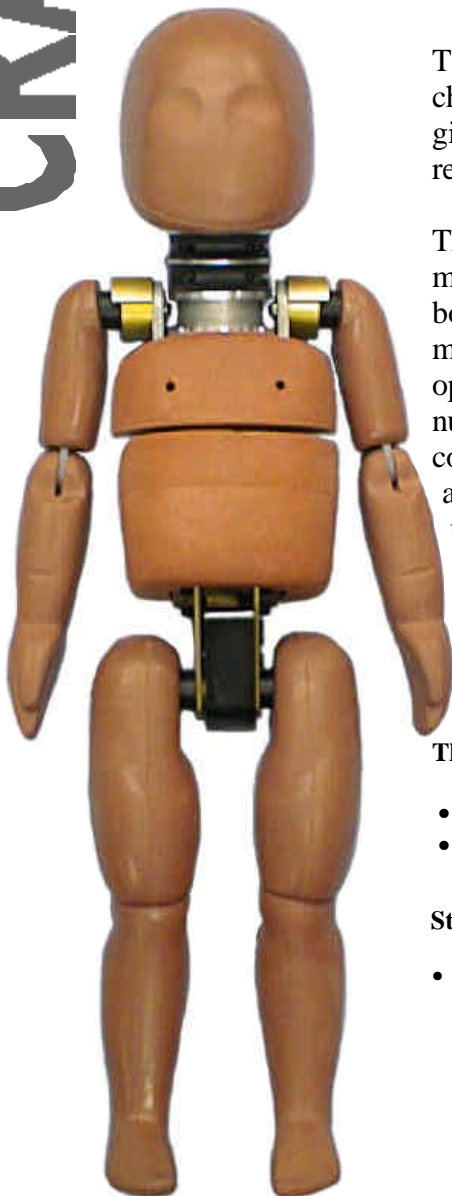
12-MONTH OLD

Test Dummy

Model Number: 921022-000



Creating the New Standard in ATD's



The CRABI (Child Restraint Air Bag Interaction) 12-Month Old child ATD was developed in 1993 by a Society of Automotive Engineers (SAE) Task Force for the purpose of testing forward and rearward facing child restraints.

The CRABI's head is constructed of a fiberglass skull with a molded urethane skin. The torso is composed of a thoracic spine box, chest foam supports, chest foam and a torso flesh made of molded urethane with nylon netting reinforcement. The abdomen is open cell urethane foam. The pelvis assembly consists of an aluminum weldment with a flexible molded rubber spine and a mounting configuration for a six-channel load cell between the lumbar spine and pelvis. The limbs are aluminum and plastic bones molded into urethane.

*The CRABI 12-Month Old Child ATD is specified under Title 49 CFR Part 572, Subpart R.*

**The calibration and certification tests performed prior to shipment include:**

- Head Drop
- Neck Flexion and Extension
- Thorax Impact

**Standard equipment included in the base price of this test device:**

- Accelerometer mounts for Head, Chest and Pelvis \*User must specify the accelerometer manufacturer and type at the time of order placement.

WEIGHTS:	Pounds (lbs.)	Kilograms
Head	5.81	2.64
Neck	.84	.38
Torso	8.10	3.68
Arm	1.32	.60
Leg	2.31	1.05
Total Weight	22.00	10.00

DIMENSIONS:	Inches	Centimeters
Head Breadth	5.10	12.95
Head Depth	6.20	15.75
Shoulder to Elbow	4.20	10.67
Buttock to Knee Pivot	7.23	18.36
Knee Pivot Height	6.80	17.27
Sitting Height	18.25	46.36
Standing Height	29.15	74.04