

The CPD Dummies reproduce the natural breathing motion, body size and shape of a newborn infant or a 6-year-old child. This test equipment is used to evaluate automotive child detection technologies. Furthermore, the CPD Dummies are able to achieve every breathing rate, selectable individually or per definition of the Euro NCAP protocol.

- Realistic breathing pattern matching the child's age
- Articulated limbs and head (CPD Dummy 6-Year-Old Child)
- All electronics, processors and control components outside of the dummy
- Cost effective solution – All dummies can be operated with the same CPD Control and Supply Unit
- Adjustable breathing rate
- Metal-free design – no radar interferences
- Real-world representing static radar signature
- Easy operation via a mobile device using a web app
- Portable, fast and simple set-up



TECHNICAL SPECIFICATIONS

	CPD Dummy New-Born Infant	CPD Dummy 6-Year-Old Child
Mass	4 kg	8.3 kg
Body height	550 ± 10 mm	1250 ± 10 mm
Shoulder width	150 ± 10 mm	330 ± 10 mm
Head circumference	370 ± 10 mm	530 ± 10 mm
Chest circumference	340 ± 10 mm	635 ± 10 mm
Material	Plastic, soft-touch surface, metal-free	Head: plastic, smooth lacquered, metal-free Body: plastic, metal-free Arms and legs: foam, closed-pore
Movement pattern	Chest and abdominal breathing: lifting and lowering, parameters preset or user-defined	Chest and abdominal breathing: lifting and lowering, parameters preset or user-defined Head: rotation with defined end-stop Arms (shoulders) and legs (hips): up and down movement with defined end-stop

CPD Control and Supply Unit

Mass	32 kg
Dimensions (L x W x H)	816 x 540 x 426 mm
Power supply (rechargeable battery)	18 V
Wireless communication	WLAN

More information: ➔ *CPD Dummy*

- Scope of supply**
- CPD Dummy
 - Child seat and restraint system (CRS)
 - CPD Control and Supply Unit (to be purchased separately)
 - Radar absorber plates
 - Euro NCAP blanket
 - Rechargeable battery and battery charger