

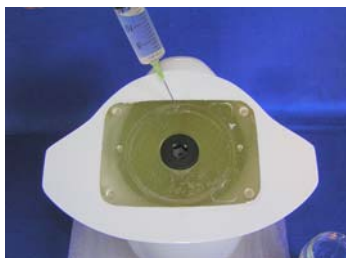
SAM Phantom IXB-030

For CTIA v 3.1 Over The Air (OTA) performance testing

For the consistent testing of wireless devices in the presence of a simulated human head, the shape can have a large effect on the repeatability of results; this is why the SAM (Specific Anthropomorphic Mannequin) was developed. To enable equipment under test to be reproducibly positioned, the ear-mouth reference line is provided.



- Meets the CAD dataset described in IEC 62209, IEE1528, & CENELEC/EN 50361:2001 CTIA OTA test Plan v 3.1
- Meets CTIA extended dimensions, 300 x 225mm +/- 2mm
- Shell 2mm +/-10% thick, except at the ear and sagittal seam
- Strengthened for horizontal manipulation
- 13mm Perspex base with x 4 integral threaded M8 fixing holes
- Unique built-in O-ring sealed (expansion relief) screw plug 3/4" BSP/26.5mm
- Inset filling hole (bleed screw for air release) at base
- Individually measured
- Unique bubble removal system and kit
- Un-filled weight 0.9kg
- CTIA liquid filled weight 8.2kg
- Fixing, 4x 8mm screws 6mm deep 110 x 75mm pitch



Expansion plug

A 20mm moulded 'return' allows a secure fixing of the base plate to allow

Head and hand assembly

Air bubble removal kit included (can remove all bubbles)

CTIA v 3.1 recipe 'broadband' (800-6GHz) tissue liquid, available in 9 litre containers, with individual property calibration report.