

# SOLID PHANTOM

Head phantom : PH-HEAD

Left Hand Phantom : PH-LHS    Right Hand Phantom : PH-RHS

## Made of lightweight dielectric materials

Measurements and experimental works, taking possible interaction with parts of human body adjacent to objects under tests into account, are becoming more and more significant as requires for example, in development of antennas for cellular phones.

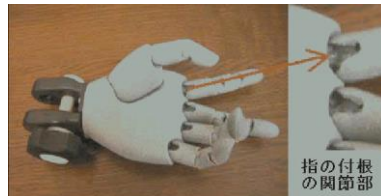
To serve such requirements, various types of PHANTOM simulating shapes and dielectric properties of human body are being used. Many of those PHANTOM's, however, are composed of either liquids in containers or some other materials such as ceramics and are not necessarily easy to handle due to their heavier weights, etc.

Our recently developed SOLID PHANTOM could overcome major drawbacks of other competitive products by using "hollow micro spheres" – contained synthetic resins mixed with electrically conductive fibers, resulting in "light in weight", "easy to control dielectric properties" and "flexible for various contour" through molding process.



**PH-HEAD**

Head Phantom



Joint of Finger



**PH-LA, PH-RA**

Phantom Left Arm, Phantom Right Arm



**PH-LHS, PH-RHS**

Left Hand Phantom & Right Hand Phantom



They can hold naturally.



They can stretch fingers.



**PH-CHEST**

Phantom Chest



**Phantom Upper Body Set**

Including

PH-Head, PH-CHEST, PH-LA  
PH-RA, PH-LHS and PH-RHS

## Features

- Light in weight and easy to handle
- High impact resistance and excellent durability
- Versatility in final shapes
- No decomposition, no souring
- Easy to control dielectric properties simulating different parts of human body