

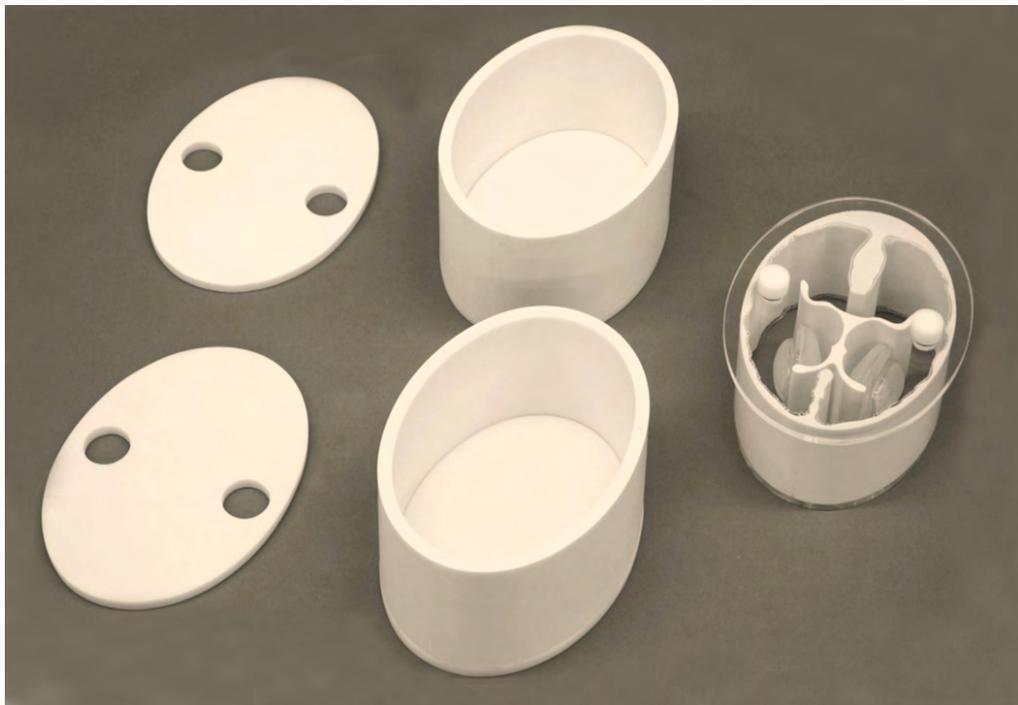
PH-53

# Brain Phantom IB-20 Advanced



## Contents

Set includes ..... P.1  
Fill up each chamber with liquid ..... P.2



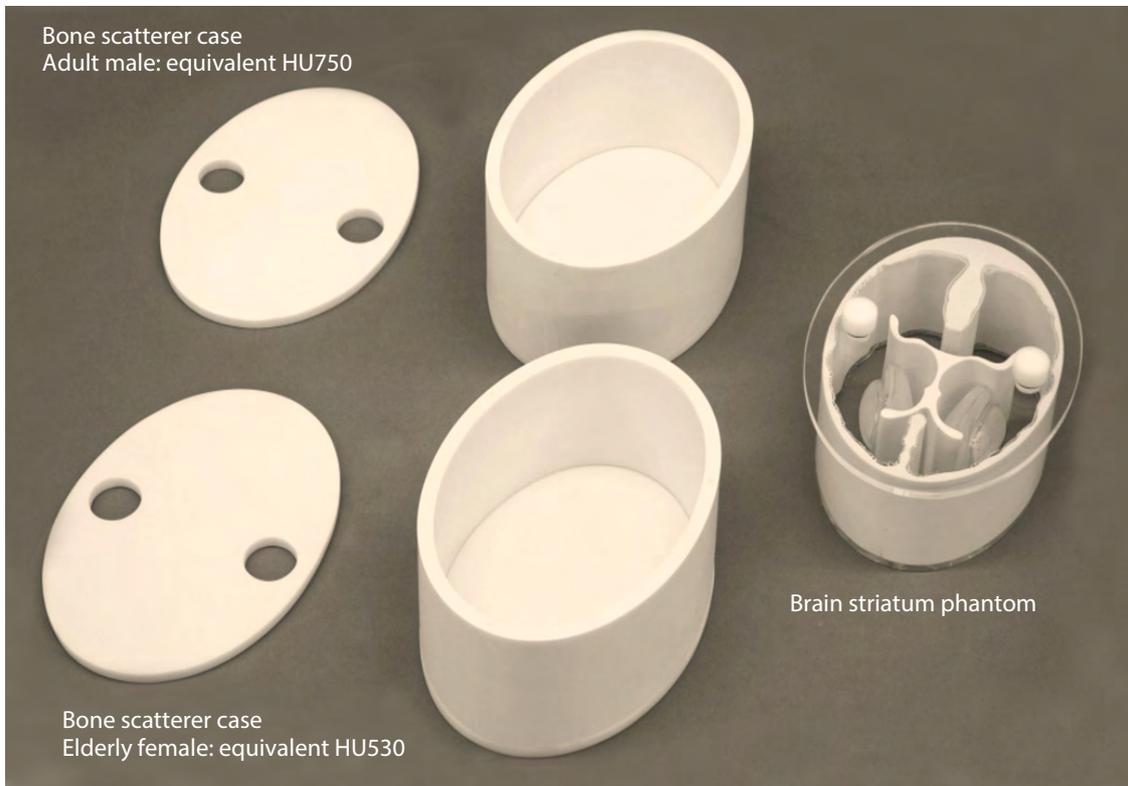
 **KYOTO KAGAKU co.,LTD**

 **KKAmerica**  
Kyoto Kagaku America Inc.

# Set includes

## Set includes

Before your first use, please ensure that you have all components listed below.



Accessories: Case      Screw driver  
                  Velcro tape    Vaseline

Materials: Brain striatum: epoxy resin  
              Brain striatum container: urethane resin  
              Cerebral ventricle: urethane resin

Brain striatum phantom cover: acrylic  
Bone scatterer case: epoxy resin

## ⚠ DOs and DON'Ts

### DOs

Handle with care

It may cause the breakage in the phantom if the joints are forced to bend or degrees of angles outside of designed movable range.

Keep the phantom at room temperature, away from heat, moisture and direct sunlight.

### DON'Ts

Never wipe the phantom with thinner or organic solvent.

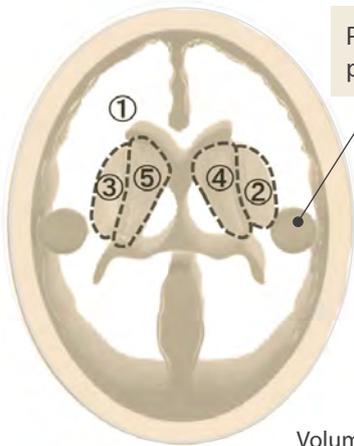
Don't mark on the phantom with pen or leave printed materials in contact.

Ink marks on the phantom will be irremovable.

# Fill up each chamber with liquid

## Fill up each chamber with liquid

View from the top



Ports for Cerebral  
parenchyma

View from the bottom



Ports for Putaminal and  
Caudatus nucleus  
There are four chambers  
in Brain striatum.

### Volume of each chamber

① Cerebral parenchyma: Approx. 845ml

### Brain striatum

② Putaminal right: Approx. 5.3ml

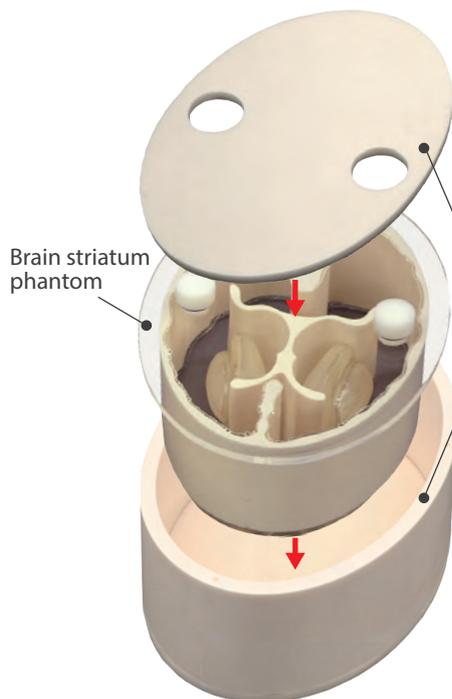
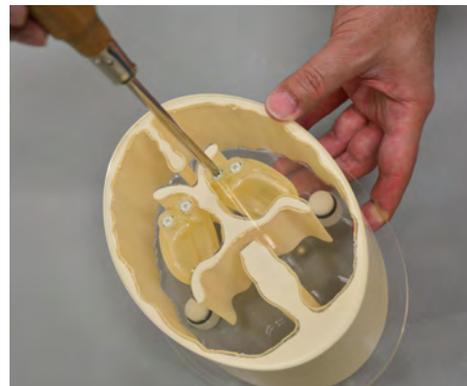
③ Putaminal left: Approx. 6.5ml

④ Caudatus nuclei right: Approx. 5.3ml

⑤ Caudatus nuclei left: Approx. 5.1ml

1. Turn off the screw cap on the port to fill with RI solvent.  
Close each port by the screw cap after filled up with solvent.

2. After the Brain striatum is filled up with RI solvent, set it  
in the Bone scatterer case for use.



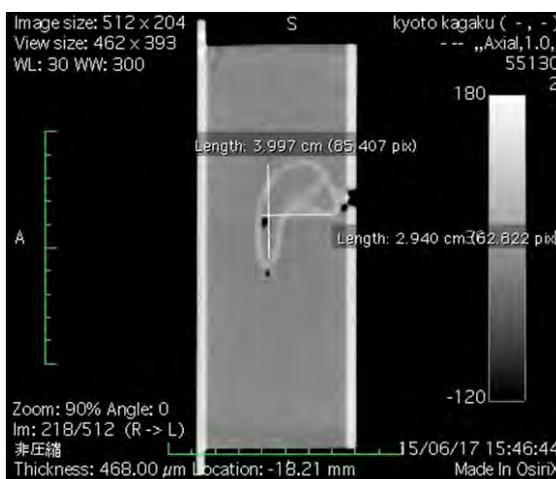
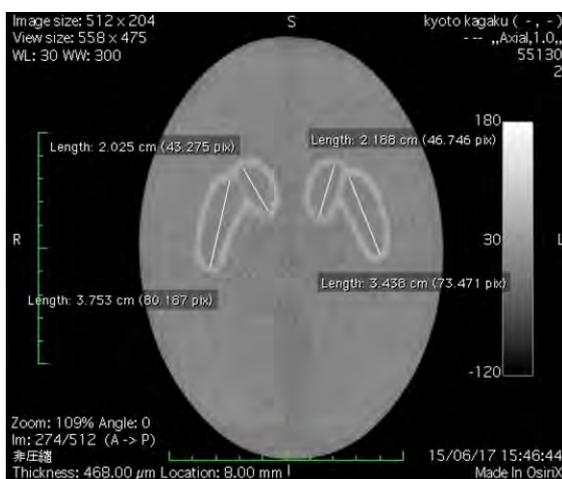
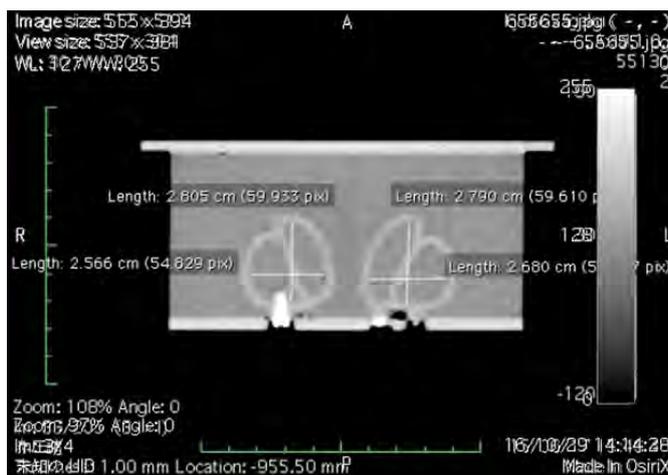
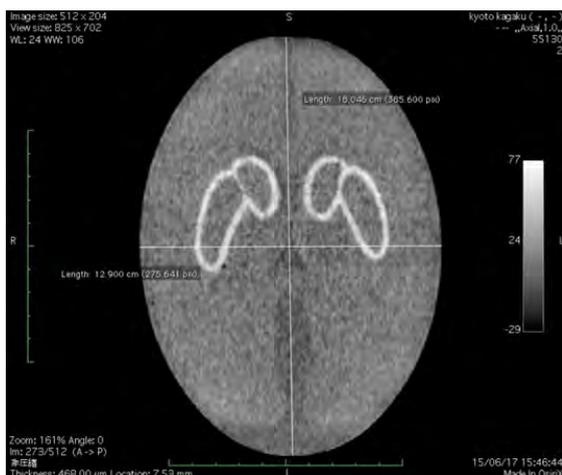
Brain striatum  
phantom

Bone scatterer  
case and cover

3. After that, put the Brain striatum cover on the case,  
and fix it by the Velcro tape.



## Dimension of the phantom



Bone scatterer case  
258×158×H90mm Oval shape  
Shell thickness 10mm

### ■ Main Office and Factory (World Wide)

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