



Teardown, cleaning and re-assembly of BSK1 slice keeper

CAUTION !

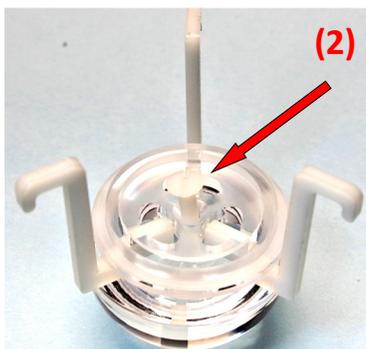
YOUR BRAIN SLICE KEEPER IS A PRECISION ENGINEERED TOOL FOR SCIENTIFIC RESEARCH. PLEASE TAKE A FEW MINUTES TO FAMILIARISE YOURSELF WITH THE KEEPER AND READ THROUGH THIS SHORT MANUAL BEFORE ATTEMPTING TO USE IT.

DO NOT USE ALCOHOL OR SIMILAR SOLVENTS IN ANY CONCENTRATION ON ANY PART OF THE KEEPER SINCE AS WITH MOST ACRYLICS, IT MAY FRAGMENT OR DEVELOP HAIR-LINE CRACKS. DO NOT AUTOCLAVE AS HEAT MAY CAUSE STRESS CRACKS TO DEVELOP.



(1)

- (1) Remove old netting by pulling off upper ring with a slight twist.



(2)

- (2) Use a screwdriver to remove the single screw in the centre of the manifold

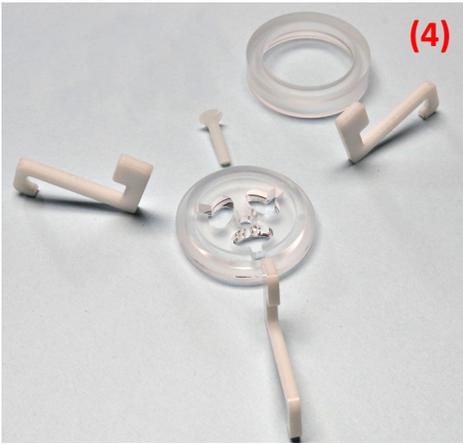


(3)

- (3) Discard the nylon netting. Clean the remaining seven separate components as necessary in distilled water or immerse all parts in 10% diluted 30 or 20 Vols hydrogen peroxide (H₂O₂) over-night. Rinse in distilled water.

Do not autoclave or subject to temperatures above 80 degrees C. Special detergents such as Micro 90 * can be used, these rinse out within three to four solution changes with distilled water

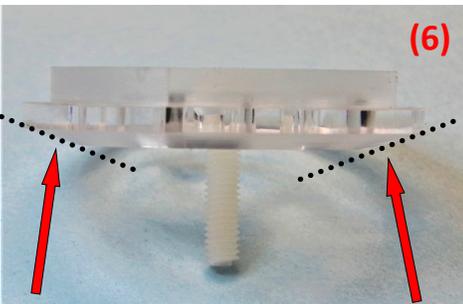
The brain slice keeper vessel (BSKV) can be cleaned with H₂O₂ but extra rinsing of the air stone will be required.



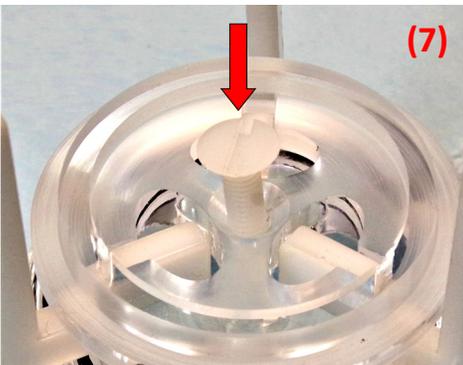
- (4) After washing in distilled water dry all components at room temperature



- (5) Begin re-assembly by inserting the three legs back into the slotted manifold as shown



- (6) Note bevelled surface of manifold faces down towards the dome



- (7) Insert nylon screw all the way to the manifold but do not over-tighten into the dome base. Apply a new sheet of nylon netting over the manifold and press down upper ring, trimming off excess netting from the edges.