**Shake Table Containers**

*General geometry:*

Height of Shake Table above Platform: 27.94 cm  
Available headroom from Platform to Arm: 90.0 cm

1. **Laminar Box**
   a. Dimensions (H = 19.5 cm, W = 24 cm, L = 58.5 cm)  
   b. Bottom drainage: YES  
   c. Vacuum saturation capabilities: NO  
   d. Ad/Dis: Boundary effects minimized/short height

2. **Rigid Long-Short Box**
   a. Dimensions (H = 22.5 cm, W = 30.5 cm, L = 125.0 cm)  
   b. Bottom drainage: YES  
   c. Vacuum saturation capabilities: YES  
   d. Ad/Dis: Long specimen, easy saturation + drainage / Rigid walls, short height
3. Rigid Long-Tall Box

   a. Dimensions (H = 43.5 cm, W = 30.5 cm, L = 125.0 cm)
   b. Bottom drainage: YES
   c. Vacuum saturation capabilities: YES
   d. Ad/Dis: Large height, easy saturation + drainage / Large mass may make hamper horizontal force application, large amount of soil to prepare, rigid walls

4. Rigid Short-Tall Box

   a. Dimensions (H = 34 cm, W = 21.5 cm, L = 40.5 cm)
   b. Bottom drainage: NOT
   c. Vacuum saturation capabilities: NO
   d. Ad/Dis: Large height, less soil to compact / Rigid walls, would need to adapt with drainage capabilities

**Available Actuators:**
Brushed DC electric motor – can apply displacement-controlled loading. Has recently been used to apply loading rates of 0.08 mm/min, with unloading/reloading.