

# Mixing Service

Bring your mixing problems and ideas to us and we will see if it can be done!

The following presentation will demonstrate how it works.

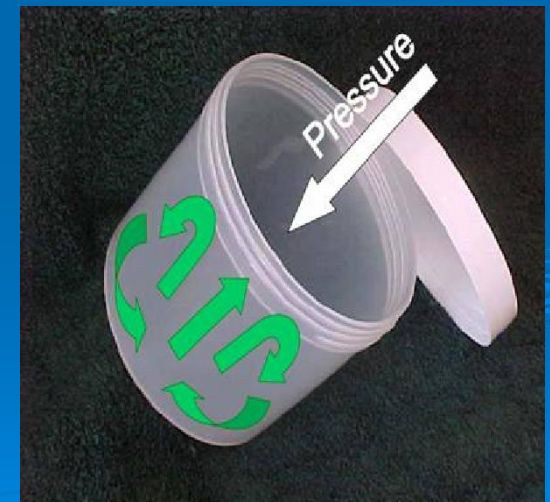
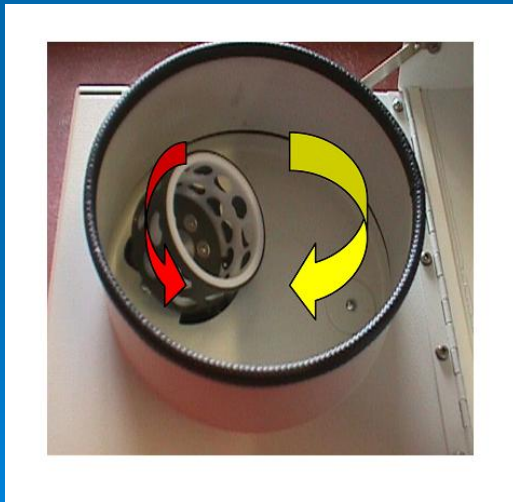
# Fast and effective

The SpeedMixer™ works exclusively through the use of centrifugal force. This allows the homogeneous and reduction of air envelopment, creating visibly bubble-free mixing of various materials, within a very short time and with minimal effort. The mixing can be done directly in the packaging using disposable cups. No additional mixing tool is required.

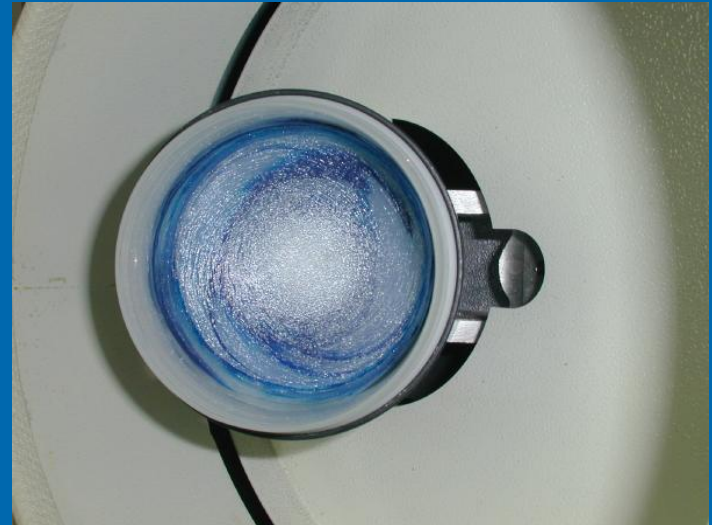
# How does it work?

Mixing with the Synergy Devices Ltd. SpeedMixer™ is based on the dual rotation of the mixing cup. The motor rotates the base plate of the mixing unit up to 3.500rpm clockwise while the basket is spun at approx. 900rpm counter-clockwise.

Thus the name – **Dual Asymmetric Centrifuge (DAC)** or **DASD™ - Dual Asymmetric Servo Drive Mixers**



# Example: Formulation of a sealing compound with a colour pigment and pearlescent pigments





## Colouring a sealing compound with colour pigments






# Advantages:



- Closed system
- Fast product change with no clean-up
- Simple handling
- Low noise and safety
- Less required space
- No contamination
- Bubble-free mixing results

# Examples of use

- Silicones, polyurethanes, polysulfide, epoxy resin
  - Fats, oils, emulsions
  - Printing inks, varnishes, powder coatings, master batches
  - Pharmaceutical and cosmetic products, salves etc.
  - Adhesives of every description
- 
- A decorative graphic consisting of several sets of concentric circles, resembling ripples in water, located in the bottom right corner of the slide.