



# Clean Sweep

## A New Creation in Mixing

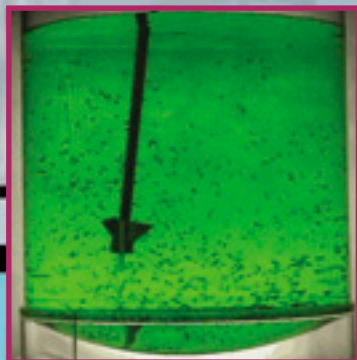
The new patented Chemineer® Clean Sweep revolutionizes mixing technology by utilizing a swinging motion instead of the customary rotating motion, providing a hermetically sealed environment with no rotating shaft seal necessary. Clean Sweep is available with an FDA/USP Class VI elastomeric seal for sanitary applications. The Clean Sweep mixer is ideal for low-shear, high purity mixing and easily accommodates low-liquid level mixing requirements.

### Clean Sweep Mixer Benefits

- Eliminates particle shedding
- Eliminates product contamination
- No baffles required
- Fewer cleanability issues
- Ease of maintenance over mag drive in-tank bearings or mechanically sealed rotating mixers
- Sweeping motion eliminates process swirl and the need for angle mounting

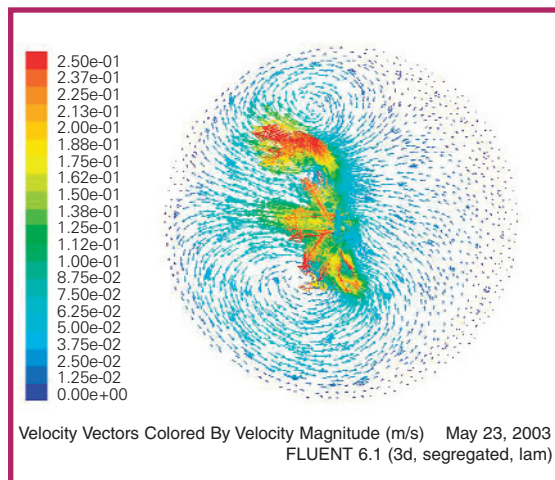
### Impeller Performance Efficiency

The Clean Sweep mixer impeller design offers complete batch control with blend time and solid suspension capabilities similar to conventional rotating agitators. These vertically mounted impeller blades prevent build up on horizontal surfaces and are readily cleanable as verified by independent CIP testing.

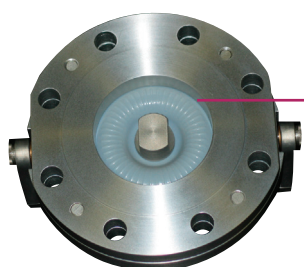


## Additional Clean Sweep Advantages

- Scalability from pilot to production units
- Various sweep angles and shaft/impeller diameters to match your application
- No tank damage associated with decoupling of magnetic components
- Lower overall cost of ownership
- Lower cost sealing device
- Design guidelines based around ASME BPE
- Superior documentation package

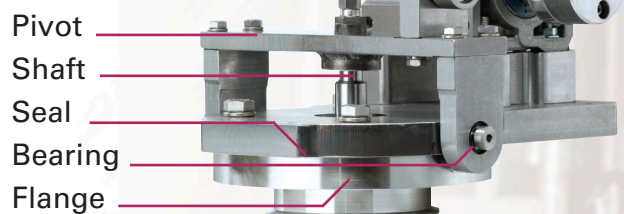


*Velocity plots generated using the new Chemineer Clean Sweep Mixer*



**Diaphragm Seal**  
Teflon® (FDA/USP Class VI)

*The Chemineer Clean Sweep diaphragm seal provides effective sealing with proven technology resulting in lower maintenance and higher ROI's*



*The Chemineer Clean Sweep has few external moving parts for efficient operation and ease of maintenance*



**Chemineer, Inc.**  
P.O. Box 1123  
Dayton, Ohio 45401  
Telephone: (937) 454-3200  
Fax: (937) 454-3379

**Chemineer, Ltd.**  
7 Cranmer Road  
West Meadows  
Derby DE21 6XT  
England  
Telephone: 44-1-332-546700  
Fax: 44-1-332-290323

**Chemineer Sales Offices:**  
Mexico  
Singapore  
China  
Korea

**Bulletin 725**



**Chemineer, Inc.**  
125 Flagship Drive  
North Andover, MA 01845  
Telephone: (978) 687-0101  
Fax: (978) 687-8500  
www.kenics.com  
www.greercomixers.com



**Prochem, Inc.**  
994 Westport Crescent Unit #A3  
Mississauga, Ontario L5T 1G1  
Canada  
Telephone: (905) 670-9486  
Fax: (905) 670-9120

**Your Local Contact:**

**For the nearest sales office call 1-800-643-0641 or go to [www.chemineer.com](http://www.chemineer.com)**