

VoluShake

Volumetric Flask Shaker



A product designed and manufactured by



Introducing VoluShake: The Future of Precision Control

With the growing demand for precision and efficiency in laboratory environments, automated mixing solutions are more important than ever. VoluShake is a compact, high-performance volumetric flask shaker engineered to optimize your workflow and deliver reproducible results. Supporting 1 to 5 flasks in volumes from 50ml to 500ml, VoluShake is built for flexibility across a wide range of applications. Powered by Siemens automation technology, it brings industrial-grade control to the benchtop lab, ready to take your automation to the next level.

From Manual Effort to Automated Precision

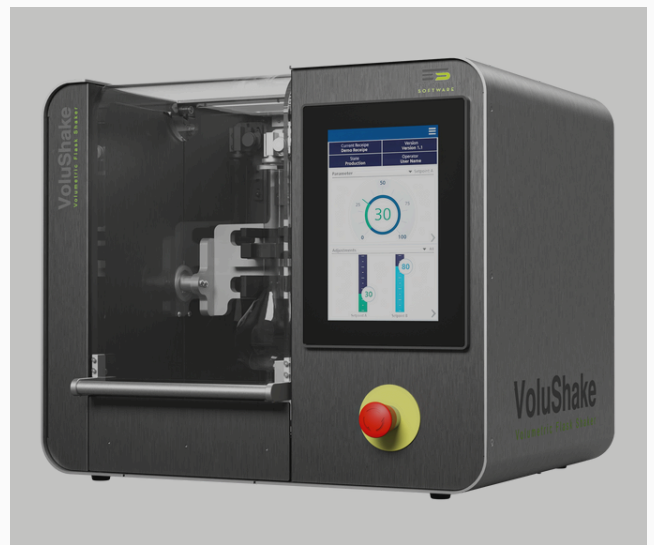
Say goodbye to hand-shaking flasks and inconsistent results. With VoluShake, you can replace time-consuming, manual processes with reliable, repeatable automation, freeing up valuable time and improving lab efficiency. Designed to deliver consistent mixing across a range of flask sizes, VoluShake ensures precision where it matters most. Whether you're scaling experiments or refining protocols, this is lab innovation you can feel in every result.

Still doing this?



- ✗ Inconsistent mixing results
- ✗ Time consuming and repetitive
- ✗ Variability and human error

Upgrade to this!



- ✓ Consistent, repeatable results
- ✓ Automated, handsfree operation
- ✓ Compact design

VoluShake: Where Engineering Meets Efficiency

VoluShake is more than just a shaker. It's a precision-engineered platform designed for consistency, reliability, and adaptability. Built with Siemens' advanced automation technology, it delivers intelligent motion control, seamless user interaction, and scalable performance to meet the evolving demands of modern laboratories.

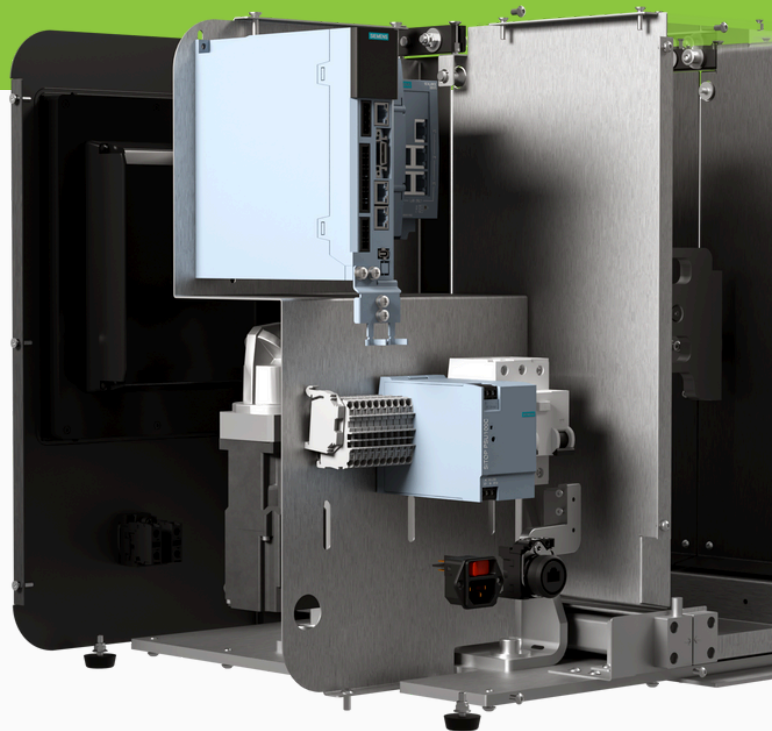
Integrated Automation Technology

VoluShake is powered by industry-leading Siemens control technology, incorporating the latest S7-1200G2, SINAMICS S200 servo drive, and the SIMOTICS S-1FL2 servo motor—all managed through the Siemens Unified HMI interface.

This combination provides advanced motion control, seamless user interaction, and high system responsiveness.

Performance-Driven Design

VoluShake is engineered with adaptability at its core, supporting configurations for 1, 2, 3, 4, or 5 volumetric flasks to suit varying lab workflows and throughput demands. It accommodates a full range of flask sizes (50ml, 100ml, 250ml, and 500ml), allowing for precise, reproducible mixing regardless of volume or configuration.



Product Overview and Specifications

Explore the key features of the VoluShake, powered by industry-leading technology, and designed with user-friendly controls to deliver precise, reliable mixing in any laboratory setting.

Design

Compact desktop footprint

Available in 5 sizes, to support 1, 2, 3, 4, or 5 flask configurations

Accommodates flask sizes 50ml, 100ml, 250ml and 500ml

Easy-access clamping system for quick set-up and removal

Modern, intuitive user interface that simplifies operation and enhances user experience.

Hardware

Siemens S7-1200G2

SINAMICS S200 Servo Drive

SIMOTICS S-1FL2 Servo Motor

Siemens Unified HMI

A robust and efficient motor that provides precise speed and position control for optimal mixing performance



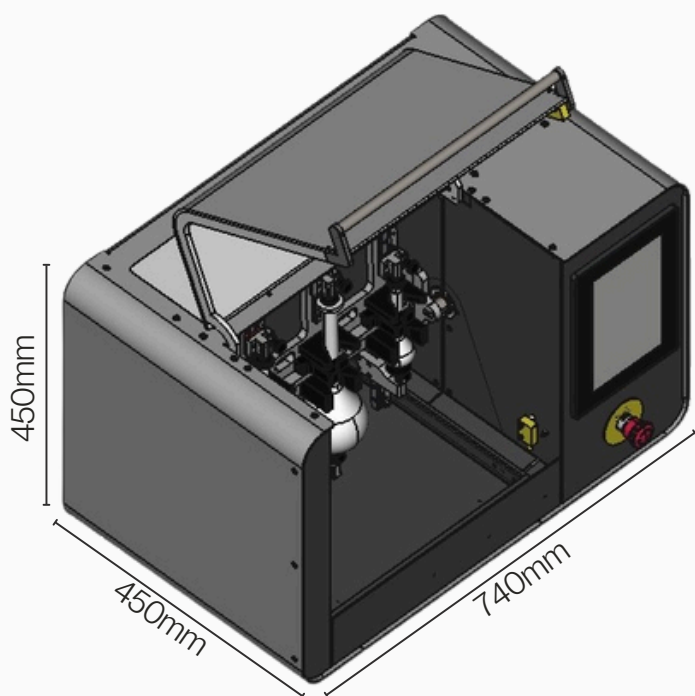
A retractable tray to catch spills, keeping the workspace clean and contamination free

Ergonomically designed for easy loading and unloading

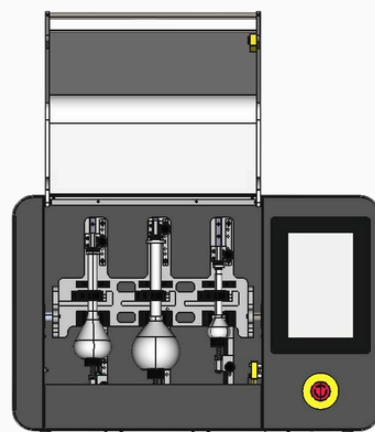
Set individual parameters for each flask—customise speed, timing, and motion to match your exact process requirements.

VoluShake Dimensions: The 3 Flask Shaker

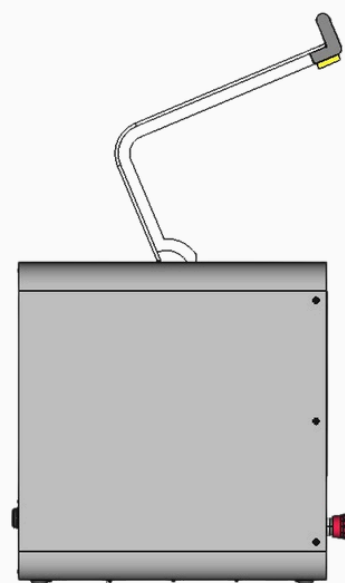
1- and 2-flask models have a slightly smaller footprint, while 4- and 5-flask versions are incrementally larger to accommodate increased capacity.



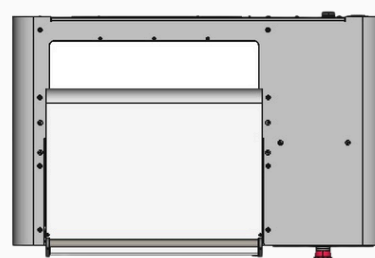
Front view:



Side view:



Back view:



All configurations are compact and designed to fit comfortably on a standard laboratory benchtop.



Are you curious how
VoluShake performs?

Try it for yourself on our
fully equipped **demo rig**,
and discover how it can
transform your lab
processes.



Start
streamlining
your
workflow
today!

Contact us to place an order, or for
further information:

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