Pulsed air mixer

- Mixing
 Homogenizing
 Stirring
- O Dissolving

using pulse-controlled compressed air

Patent DE102015107116

HYBRID CHEMIE



THE FUNCTION OF THE PULSED AIR MIXER

There are many container agitators, but the pulsed air mixer is unique. It is a pneumatic mixing device. The pulsed air mixer consists of a regulator and an air lance that is locked onto the supplied crossbeam.Large bubbles ejected impulsively cause both vertical and horizontal mixing of the medium. The controller allows adjustment of the bubble size and impulse frequency. The lance is moved by pulse-controlled compressed air. It is not the lance that mixes the product, but rather the rising air bubbles. By generating large bubbles that rise to the surface, a vertical and horizontal mixing process is created. The ascending bubbles push the medium above them upward and simultaneously draw the underlying medium upward, enabling effective mixing with minimal energy consumption. The large air bubbles with minimal surface area prevent substances transfer from the air into the medium (no "bubbling").

AT A GLANCE

The pulsed air mixer, thanks to our patented technology, represents a unique feature. There is nothing comparable in the market.

- efficient
- 🔿 lightweight
- 🕗 gentle
- 🔿 no dead zones
- 🔿 easy handling
- easy cleaning
- O mixing regardless of the filling level
- Suitable for high viscosities
- 🔿 economical
- O without electricity

CONTACT

office+49 6150 9e-mailkontakt@hwebhybridcherCommercial registryHRB 95404Registration OfficeLocal CourtGeschäftsführungCornelia So

+49 6150 9709014 kontakt@hybridchemie.de hybridchemie.de HRB 95404 Local Court of Darmstadt Cornelia Scordialo