

Quick guide and commissioning for pulsed air mixer with rotary coupling

Quick guide

IMPORTANT: The sequence must be observed!

- ✓ Connect the compressed air hose from the compressor or the central compressed air supply to the "Inlet" regulator.
- ✓ Attach the traverse.
- ✓ Connect the compressed air hose to the "outlet" regulator and to the swivel coupling of the air guiding lance.
- ✓ Insert the air guiding lance with the swivel coupling into the container and insert it at the correct height on the traverse and lock it in place.
- ✓ Put the system into operation.
- ✓ When decommissioning, first remove the air guiding lance from the liquid, wipe it with a cloth and then disconnect it from the compressed air hose.

Commissioning

- ✓ Set the "On/Off" main switch to Off.
- ✓ Set the pulse regulator and the volume regulator to "Minus".
- ✓ Open the compressed air supply and set max. 8 bar pressure.
- ✓ Ensure that at least 100 litres of air volume is available.

Basic regulator setting

- ✓ Set the control valve upstream of the regulator to 4 bar pressure.
- ✓ Set the "On/Off" main switch to On.
- ✓ Adjust the pulse regulator by turning it anti-clockwise to 1 pulse in 1-3 seconds.
- ✓ Open the volume control by turning it anti-clockwise until the air guide lance moves clockwise, once in a circle every 10-15 seconds depending on the viscosity.
- ✓ The pulses and the volume can be adapted to the medium to be mixed and the container geometry.
- ✓ When the mixing result meets the requirements, the controller settings must be locked with the locking screw.

Loss of warranty when opening the regulator!