

## “Venturi system” mixers

Mixers based on the “venturi” principle suitable for mixing chemicals in water (such as emulsifiable oils for mechanical industries; detergents and waxes for car washes; dyes and additives for the textile industry; etc.). Equipped with a valve to adjust the concentration, they do not require electricity for operation. Excellent performance-price ratio.

“Venturi” principle mixers take advantage of the water pressure of the feed water line to draw in and mix the liquid to be emulsified. The concentration percentage is adjustable by means of a knob; keep in mind that the output concentration is subject to change depending on the pressure of the feed water, the temperature and viscosity of the liquid to be mixed, and the length of the output pipe (we recommend not exceeding a length of 5 meters).

### Applications

Mechanical industry for preparation of coolant-lubricant emulsions  
 Car washes for dilution of detergents, cleaners, car waxes  
 Textile and dyeing industry for dyes and fabric treatment products

### Technical features

Adjustable percentage up to 15%  
 Operation without electricity, taking advantage of water pressure  
 Pressure regulator with pressure gauge, on-off valve, vacuum gauge to check proper operation  
 Possibility of connecting a hose up to 5 meters long to the outlet  
 Easy installation, supplied with connecting ring in 1" 1/2" hole found on classic oil drums  
 Constructed of stainless steel, brass, aluminum, plastic regulator  
 Connections with 12 mm diameter rubber port (or 3/8" BSP)

The connection to running water pipes must be provided with a backflow-preventing device of type CA, for fluid categories: 1, 2, 3 as specified in DIN EN 1717.

The specific backflow device is not included in the delivery

### Available model

Item code	Description
MIXI	Mixer “venturi system” 0-15% flow 5-12 l/min
MIXISTAFFA	Wall support bracket



Mixer “venturi system”  
 item code MIXI



The water pressure gauge and the vacuum gauge,  
 the latter if it indicates a value higher  
 than 0.5/0.6 BAR the mixer is operating

### Application examples

