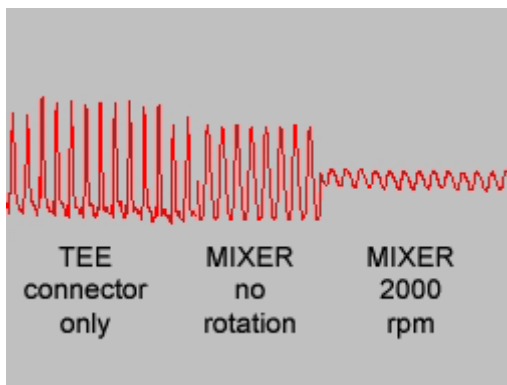


SIELC Technologies Dynamic Mixer

- Internal volume from 50 to 500 mcl
- 2, 3, or 4 inlet ports
- Adjustable mixing speed for optimal performance
- Self diagnostic of rotor rotation
- LED display indicates of rotation
- Pressure up to 6000 psi (350 bars)
- Vertical or horizontal orientation.
- Orientation sensitive display
- OEM version available
- External RS232 control
- Contact closure control
- Small size



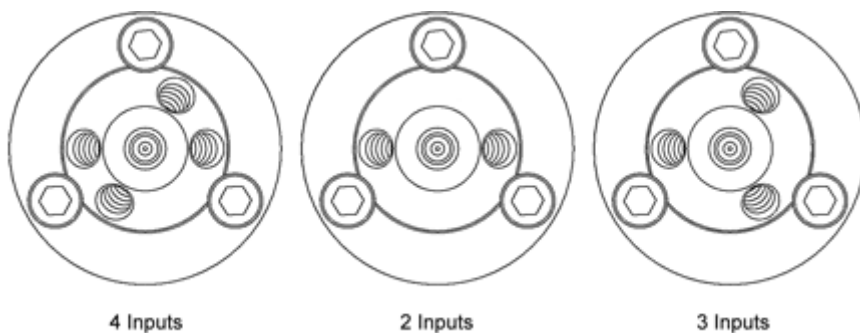
Typically 5-10 times improvement of the detector baseline observed when dynamic mixer used to combine two flows of different composition.

The dynamic mixer is designed for high pressure chromatographic and general laboratory fluid delivery applications. The mixer is engineered for dynamic mixing of flows of several channels with low dead volume and high efficiency. Different mixer configurations are available with 2, 3, and 4 inlet ports. The mixer is available with 50, 250 and 500 mcl dead volume. Inlet and outlet ports can be selected with 10-32 UNF or 1/4-28 UNF thread configuration.

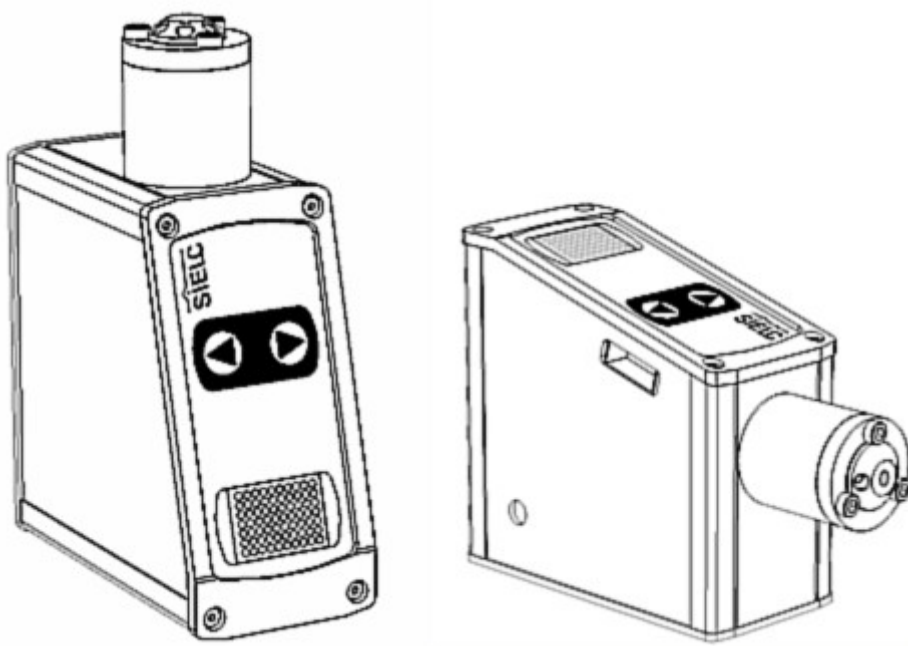
The mixer driver can be programmed for high low and medium speed. The speed control enables to select an optimum value of the vertex speed to achieve an optimum mixing rate.

The mixer features communications capability for integration with other instrumentation through RS 232 protocol or RS 485 protocol. The mixer can also be stopped and started by remote control when connected to external devices. External plug-in power supply is used for increased safety.

Mixer configurations with 2, 3, and 4 inputs.



Mixer can be operated in vertical and horizontal position



To order mixer build a part number using chart below.

DM S - 1032 - 050			
Material	# of inlet ports	Ports thread type	Internal volume, μ L
SS316 - S PEEK - P	2 - none 3 - 3 4 - 4	10-32 - 1032 $\frac{1}{4}$ -28 - 1428	050 250 500

AugustaChrom, Dr. R. Kießwetter
 Schubertstr. 44a, 86368 Gersthofen
 Tel. 0821 599 783 -70, Fax -71
 info@hplc-shop.de, www.hplc.tel