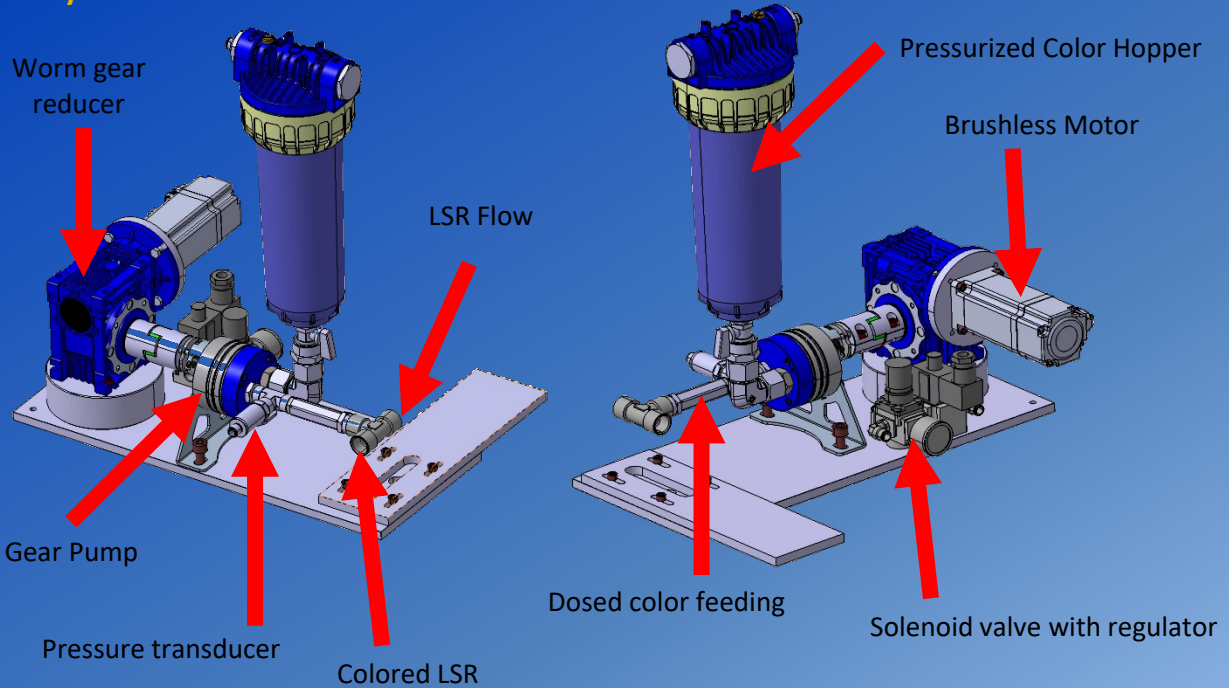


EasyColor LSR colorant dispenser

Volumetric colorant dispenser with gear pumps for in-line coloring of liquid silicone rubber in injection molding. Equipped with a brushless motor and PLC, it allows to dose exactly the required quantity of colorant injecting it, continuously, into the flow of A component during the entire material dosing phase. These features combined with its extreme construction simplicity makes it the perfect solution for LSR molding



EasyColor LSR



- ✓ ***Easy and precise dosing:** The gear pump allows to dose a given volume of colorant with a constant flow without pulsations at each revolution. By adjusting the rotation speed of the motor through the PLC it is possible to dose exactly the required quantity of color by distributing it, in a continuous manner, in the flow of component A during the entire material dosage phase.
- ✓ ***Easy process interfacing:** The volumetric color dispenser is electrically interfaced to the LSR metering system and physically to the component A tubing coming from it, through a flexible tube connected to a T-connector equipped with a non-return valve and a dosing nozzle.
- ✓ ***Safety:** A pressure transmitter is installed at the outlet of the gear pump which has a dual function. In the first place it acts as a safety device. If for some reason the tubing becomes clogged and the color is no longer able to flow into the silicone, the resulting sudden rise in pressure will cause the system to fail. Secondly, it is intended to signal when the color has run out. In fact, when the color is exhausted in the hopper, a pressure drop will occur which will alarm the system.
- ✓ ***Programmability:** By a simple touchscreen keyboard it is possible to program the operation of the dispenser. In particular, it is possible to enter the flow rate of the LSR pump, the percentage of color to be used and the maximum and minimum working pressure.

