

The new Posiflow DXC is designed for processing multi-component resins, in a wide variety of applications.

Liquid Control have utilised precision gear pumps for pumping and accurately metering the two liquid components, which are then mixed in a mixing head, designed to suit the material and application requirements. In its standard form the Posiflow DXC will deliver a variable output up to 45 kg per minute across a ratio range from 1:1 to 100:1.

Programmable logic control is standard, and a wide range of options are available.

The Posiflow DXC is part of a comprehensive new range of dispensing machines developed for multi component liquid polyurethanes, epoxies and silicones.

The use of gear pumps for pumping and metering compliments Liquid Control's extensive range of machines based on positive displacement reciprocating "Posiload" pumps.

Flow Meters

Precision flow meters, sized to suit the material and application requirements, are placed in the fluid lines between the metering pumps and mixing head to give a true account of actual volumes being dispensed from each pump. With in some cases, thousands of pulses / litre being transmitted from the flow meters, very precise and continuous monitoring is achieved, giving the customer complete confidence in the dispensed product.

H.M.I. (Human/Machine Interface)

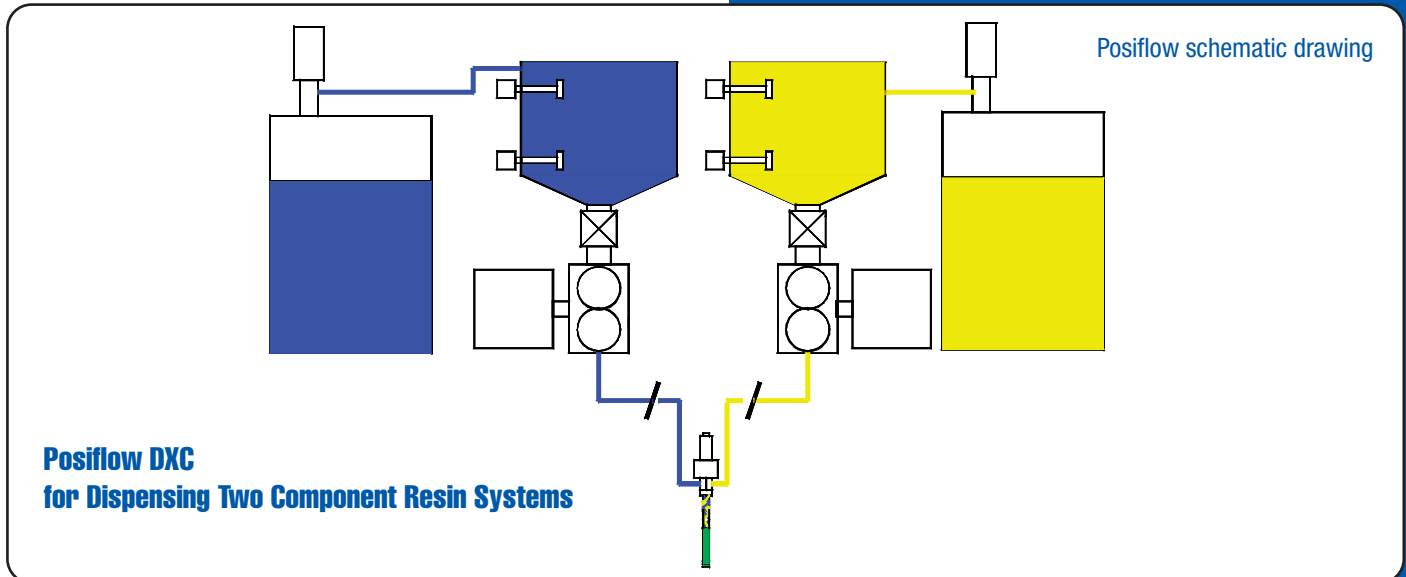
Pulses from the flow meters are relayed into the HMI and converted into a number of different digital readouts. Actual ratio dispensed; Volumes of both components; Total volume over a given period and rate of dispense can all be indicated, along with "out of ratio" alarm set points, which can be pre-programmed to give audible and visual indication should the ratio deviate outside the set parameters.

Posiflow DXC

Automatic equipment for processing multi-component resins



Posiflow DXC



Standard Features

- Variable output electric drive via independent motors to provide simple variation of ratio.
- Precision gear pumps mounted below tanks avoid the need for pressurisation
- Pumps and tanks mounted outside cabinet for easy access, safety and cleanliness
- Integrated programmable logic control
- Interchangeable sub-chassis mounted drive units
- Compact hand held, or machine mounted Twinmixer
- Built-in anti-gel timer
- Comprehensive Liquid Control technical backup
- Easy to understand synoptic control panel

Standard Options

- Hand held rotary/static or dynamic mixing head.
- Hose support boom.
- Material level controls.
- Automatic bulk feeding systems.
- Material heating.
- Vacuum reservoirs.
- Material agitation within reservoirs.
- Integration with external control system.

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Products sold by Liquid Control Ltd are subject to ongoing development and improvement. The right is therefore to alter specifications without notice.