



PRODUCT

POSIFLOW DXE2

The Posiflow DXE2 is a compact, bench mounted metering, mixing and dispensing machine ideal for processing two part liquid resins.

The Posiflow DXE2 utilises the latest PLC technology and incorporates electrically driven, high-precision gear pumps fitted with non-return valves and pressure switches to protect the system from over-pressurisation.

The use of twin, independent, electric inverter drives with precision gear pumps not only enables the Posiflow DXE2 to give constant, non-pulsing flow characteristics, but also allows for rapid changing of mixing ratios and output rates.

This facility also allows the machine to be remotely operated via a 0-10 volt analogue signal, ensuring that the material flow rate can be constantly adjusted throughout the dispense cycle. Very important when used in conjunction with our latest robotic dispensing technology.

The flexibility of the Posiflow DXE2 can be seen in its ability to process materials from a 1:1 ratio to in excess of 100:1 ratio (subject to pump selection) with output rates adjustable between approximately 50cc/min up to 2L/min.

As standard the Posiflow DXE2 can be fitted with sealed and clamped reservoirs up to 10L capacity and can be manufactured from mild steel or stainless steel.

The Posiflow DXE2 is fitted with either a machine mounted, or remote hand-held, trigger operated twinmixer assembly incorporating static or rotary/static disposable mixing nozzles. Typical outlet hose lengths up to 7M long can be accommodated.



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Technical Specification

	STANDARD FEATURES	STANDARD OPTIONS
EQUIPMENT	POSIFLOW DXE2	POSIFLOW DXE2
Reservoir Tanks	<ul style="list-style-type: none"> Material feed standard reservoir capacities 3L, 5L, 10L, 25L mild steel or stainless steel 	<ul style="list-style-type: none"> Vacuum reservoirs Automatic bulk feeding systems Material heating Material agitation within reservoirs Material level controls Built in anti-gel timer
Metering Pumps	<ul style="list-style-type: none"> Precision gear pumps mounted below tanks avoid the need for pressurisation 	<ul style="list-style-type: none"> Continuous closed loop flow monitoring with auto correction
Mixing Head	<ul style="list-style-type: none"> Compact hand held, or machine mounted Twinmixer 	<ul style="list-style-type: none"> Rotary static mixer Dynamic mixer
Shot Size Control	<ul style="list-style-type: none"> Simple output rate and ratio adjustment parameters Built in shot timer 	
Drive Options	<ul style="list-style-type: none"> Variable output electric drive via independent motors to provide simple variation of ratio 	
Machine Control	<ul style="list-style-type: none"> Integrated programmable logic control 	<ul style="list-style-type: none"> Integration with external control system

