

Having been a leading design and manufacturer of precision liquid dispensing equipment for over 35 years, Liquid Control has seen many changes in application and product demands.

With the customers' preference for advanced technology, linked to simplified operation, the company has developed its' latest control technique, that of the "Touch Screen" and "Linear Transducer" mechanism, which allows the operator to change, and store, a number of different shot sizes, at the touch of a button. This technology also brings improved reliability and accuracy of shot size control.

Other machine functions, such as the "anti-gel" timer, shot counter/repeater, service and maintenance interval, and other such valuable information, are all stored within the machine PLC controller, and can easily be displayed on the Posi Touch Screen.

With this new feature manual shot size adjustment has become a thing of the past. After initial set-up, the operator can easily programme in the relevant information and the new shot size is not only achieved, but also stored for future use. With up to 10 pre-programmed shot size settings available, the changeover is now so simple and fast that minimal time is lost when switching from one application to another, and operator error is eradicated.

Other information such as the number of cycles the machine has completed since the last service is also stored within the PLC, and can be viewed simply by selecting a different "page" on the screen.

Both the Touch Screen PLC, and Linear Transducer technologies, are available on all Liquid Control piston pump machines from micro dot shotting to multiple litres per minute, thus bringing the control technology into line with that of the range of gear pump machines already manufactured.

Twinflow BMR Posi Touch

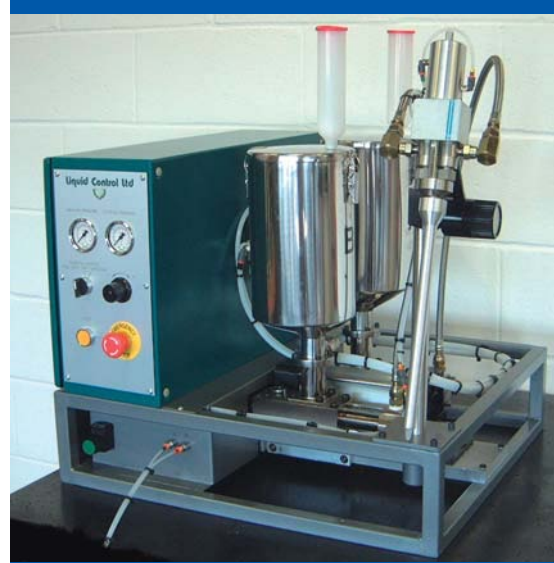


Incorporating the same proven principle of volumetric metering and precise control of shot size and ratio found in larger Liquid Control equipment, the BMR design gives Twinflow advantages in an even smaller bench size.

The BMR is designed for applications where adhesive or encapsulant mixing is required close to the point of use, with the minimum of cleaning and adjustment.

The compact design incorporates a fixed ratio drive system and twin patented Posiload volumetric metering pumps set a pre - determined ratio. Mixing takes place in a Posimixer nozzle which is cheap and easily removed, disposable and available in a range of sizes and lengths to suit most material systems. The fully enclosed wetted system avoids health risks through operator control and creates a cleaner and safer working environment.

Twinflow BMR Standard Pneumatic



Standard Features

- Compact size for bench mounting.
- Metering accuracy better than $\pm 1\%$
- Shot size up to 70cc, depending on ratio.
- Ratio range 1:1 to 11:1
- Powerful fixed ratio design and pre - set pump bores give adjustment and error - free mixing.
- Fully enclosed for a cleaner and safer. working environment.
- Precise trouble - free automatic metering, mixing and dispensing of epoxies, urethanes, silicones, acrylics and other resin systems.

Standard Options

- Remote hand held mixing gun, trigger control.
- Stainless steel pumps and other wetted components.
- Anti-abrasion protection
- Anti-moisture protection for hygroscopic materials.
- Bulk feed material supply.
- Programmable shot repeater.
- Anti-gel alarm.
- Heating systems.
- Material level control.
- Reservoir stirrer.

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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.