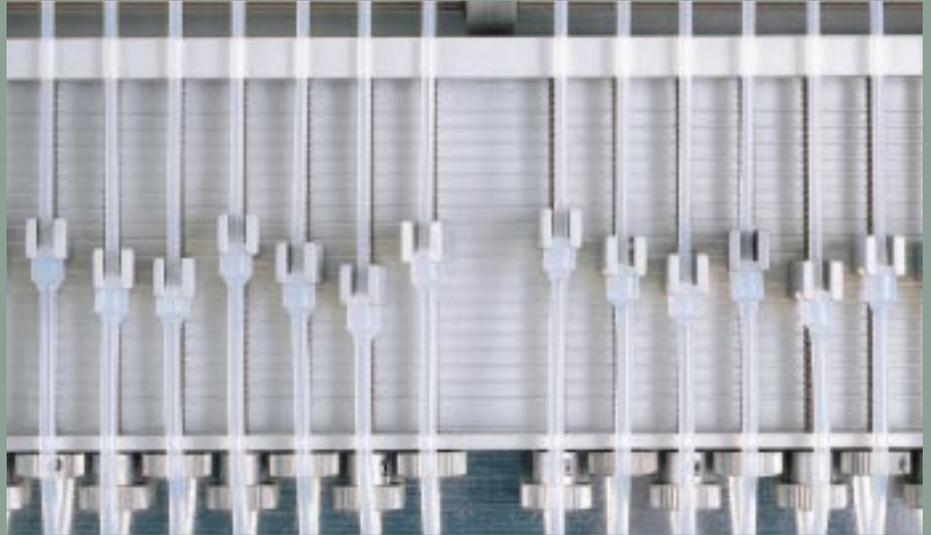

VERSAFLOW

Peristaltic Pumps with Less Than 1% Variation in Flow Across All Channels



When Brandel began working on prototypes for its Suprafusion™ Systems, the need arose for a highly accurate and versatile peristaltic pump. After extensive testing and modification of commercially available pumps, none met the demanding performance required by the Suprafusion System. Left with no alternative, it was decided that Brandel would design and build its own.

The result was the Versaflow™ line of peristaltic pumps, which not only met, but exceeded the stringent design specifications in terms of accuracy, reliability, and consistency – with less than 1% variation in flow rate from one channel to another.

Beyond Versaflow's pure performance, a great degree of flexibility was also built into the design in anticipation of future applications. This versatility lends itself particularly well to special user applications.

Versaflow peristaltic pumps are now available as stand-alone units.

BRANDEL

Unparalleled Performance... At Any Price

Precise

Versaflo features less than 1 percent variation in flow rate across all channels. Rather remarkable, considering that's about 4-8 times more accurate than most other pumps on the market.

Versatile

Standard features include:

- 6, 12, or 20 channel models
- RS232 or IEEE-488 interface, with application software for using with a host computer
- Keypad for programming stand alone operation
- Memory for storing up to ten programs with up to 256 lines each
- Digital speed control from 0-30 rpm in 300 linear increments
- Separate flow rate adjustment for each channel
- Variable rates of flow, from 0.05ml/minute to 12ml/minute, depending upon tubing used
- Tubing sizes from 1/64" to 3/16" or larger by special request
- Forward and reverse pump directions
- Ability to use different sized tubing for different channels simultaneously
- Ability to use one, all, or any number of channels as needed
- Separate on/off pump switch stops pump without interrupting AC source
- Specially coated surfaces provide protection from harsh substances
- One year warranty and full factory support

And, It's Affordable

Now for the good news. Versaflo hi-performance peristaltic pumps are priced *less* than most pumps offering few of the above features.

So, if you're in the market for a pump, we encourage you to look at



VERSAFLOW

what else is out there. We think you'll find that nothing compares with the new Brandel Versaflo.

Models

- PP-106** 6-channel Versaflo
- PP-112** 12-channel Versaflo
- PP-120** 20-channel Versaflo

All pumps are shipped calibrated, with tubing, and ready to operate manually, with programmable keypad, or with host computer. One year factory warranty and full factory support are included.

Call Brandel for further information and special applications.

Options

A variety of lengths and diameters of tubing can be ordered upon request. Precut, ready to install sets are available. Custom modifications are also available to suit your particular requirements. Please call for details.

Also from Brandel...

- Harvesters
For 12, 24, 30, 36, 48 and 96 samples.
- Cellulose Harvesters
- Counter Compatible Systems
Formatted for use with Beckman, LKB, Packard or other scintillation counters. Harvesters & Deposit/Dispensers available for 12, 18, 24, 36, 48 or 96 samples.
- Direct Radioactive Reader
Compatible Harvesters
24, 48 or 96 sample systems.
- Automatic Deposit & Dispensers
For 12, 24, 30, 36, 48 and 96 samples.
- Automatic Dispensers
For 12, 24, 30, 36, 48 and 96 samples.
- Manual Deposit Systems
For 12, 24, 30, 36, 48 and 96 samples.
- Suprafusion™ Systems
Suprafusion for 6, 12, 18 and 20 samples perfuse with up to 6 reagents and collect up to 20 effluents per sample.
- Electrical Stimulators
6, 12, 18 and 20 channel systems for use with or without Suprafusion.
- Sequencer
- Microfractionator

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