

Pumps, Aspirator, Peristaltic, Syringe

Aspirator Pump, FTA-1

Grant bio

A compact, flexible-use, personal aspirator pump with integrated trap flask for the routine aspiration of supernatant alcohol and buffer in DNA/RNA purification, cell washing, tissue culture applications, ELISA, cell staining and excess removal of liquid from slides, petri dishes etc.

- ◆ Microprocessor controlled pumping unit, operating at 513mbar abs.
- ◆ Supplied with 1 litre trap flask for the collection of residues during aspiration
- ◆ Hydrophobic filter with 99.9% efficiency to trap bacteria, viruses and infected particulates, reducing the risk of contamination possible when compared with conventional vacuum pumping systems
- ◆ With choice of single- or multi-tip operation when using accessory 8-channel adapter

As described. Supplied with 1 litre trap flask, hydrophobic filter, aspiration tube and tip, and instructions. 340 x 160 x 210mm H x W x D. Weight 1.5kg. For use with 100-240V 50/60Hz single phase supplies.

PX800-15 Aspirator pump, Grant-bio, FTA-1

Accessories

PX815-05 FA-1 replacement hydrophobic filter

PX815-10 FTA-B replacement cap with inlet/outlet fittings for 1 litre trap flask

PX815-15 MA-8 8-channel adapter kit for use with microplates

PR850-30 Spare tips, 200µl, yellow, pack of 1000

BS445-30 Spare trap flask, 1 litre, with polypropylene cap

Syringe Pumps

Razel

For precise infusing of liquids, utilising standard glass or plastic syringes from 5ml to 50ml, and microlitre to 5ml syringes using the accessory adapter. 99 delivery speeds are selectable and can be adjusted during operation if required. A built in manual flow-rate calculator indicates the speed setting necessary to achieve specific flow rates when using 5, 10, 20, 30 or 50ml syringes. A separate flow rate chart is also provided for other sizes and indicates variation factors for different makes of syringe. An acoustic alarm activates when the syringe is empty, and halts infusion. Lifetime lubricated bronze bearings and critical parts constructed in stainless steel ensure dependable long-term service.

Model		R99-EF	R99-FJM
Flow rates, (using 50ml syringe)	max. ml/h	143	427
	min. ml/h	1.45	0.145
Accuracy	%	±2	±2
Repeatability	%	±0.5	±0.5
Power		230V 50Hz single phase supply — both models	
Dimensions W x D x H	mm	250 x 150 x 150 — both models	
Weight	kg	3.4 — both models	

Syringe Pumps, Razel

As described. Supplied with acoustic alarm. For 230V 50Hz single phase supplies. Without syringes.

PX890-10 Model R99-EF

PX890-60 Model R99-FJM

Micro syringe adapters

Enables PX890-series syringe pumps to be used with single place adapter to hold one micro syringe only

PX890-85 Micro syringe adapter, single place

Enables PX890-series syringe pumps to be used with up to six microlitre volume to 3ml capacity syringes (maximum diameter 10mm).

PX890-90 Micro syringe adapter, 6-place

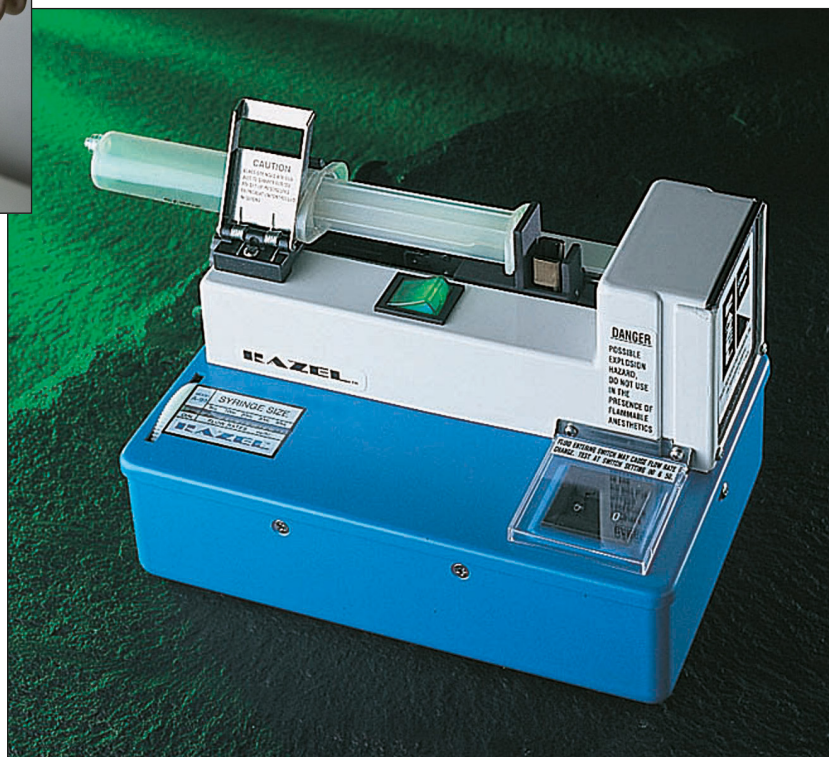
Syringe pipettors – see SY700 to SY720.

Syringes – see SY210 to SY638.



Inset: PR850-30 in use with PX800-15

PX800-15 in use



PX890-series