

Precision Microapplicator 900X

An electronic Microapplicator
with a delivery range 0.1 to 100 microlitres



The Burkard 900X offers very high precision dispensing with a mean accuracy of 0.4% using gas-tight syringes. The error is reduced with larger volumes.

Volumes of 0.1 microlitre increments can easily be set on the thumbwheel switch and a single delivery can be increased up to 999 microlitres. Two syringes cover the entire range of aliquot volumes – 1ml and 10ml glass syringes, with luer fitting.

The 900X is designed to overcome the inherent problems of dispensers utilising electronic linear motors. A low voltage fully electronic unit, computer compatible, which can be operated from foot, hand or remote switching, making it completely safe with hazardous materials.

Rapid traverse is available in both directions and safety devices are fitted to avoid damage to the mechanism during use.

Construction and Equipment Details

Robustly built for long-term high precision dispensing.

The syringe driver utilises an independent precision ball carriage and motor unit avoiding the use of a linear stepping device. With this arrangement correct alignment is maintained and ensured accuracy over long periods.

General Specification

Maximum delivery capacity with Burkard 1ml syringe	500ul
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Control Unit:

Overall height:	140mm (5½ ins)
width:	115mm (4½ ins)
length:	332mm (13 ins)

Syringe Unit:

Overall height:	106mm (4¼ ins)
width:	106mm (4¼ ins)
length:	300mm (11¾ ins)

Total weight:	1 Kilo 470g
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Supply voltage:	240v, 50Hz or 110v, 60Hz
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Extra Equipment

10cc all-glass syringe complete with stainless steel mounting sleeve.

The following equipment is supplied as standard:

- Foot switch with simple plug-in connector.
- Ring or finger switch with plug-in connector.
- Socket on syringe unit for remote control.



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and Exporters

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