

Reconditioned Automatic Serum Dispenser

- Precision multichannel dispenser
- Possible to add microliter volumes of serum to all wells simultaneously
- Operation is completely automatic
- Fixed array of glass syringes
- Necessary volume can be easily selected
- Easy operation through buttons or a convenient foot switch
- Display shows remaining serum in the syringes and is automatically updated during the dispense
- Remaining serum can be purged back into the tubes by pressing the "Empty" button to minimize dead volume
- Wash function ensures clean syringes and eliminates cross contamination
- Individual syringes can be easily removed for maintenance or repair
- Comes complete with one dispensing head, matching tube rack, wash reservoir, foot switch and manual



Specifications:

Selectable parameters:	• Fill Volume	10 - 290 µl in increments of 10 µl
	• Dispense Volume	0.5 - 9.5 µl in increments of 0.5 µl
	• Wash Cycles	Continuous or 1 - 10 cycles
Dimensions (w x d x h):	23 cm x 31 cm x 43 cm	
Weight:	16.4 kg	
Price:	upon request	

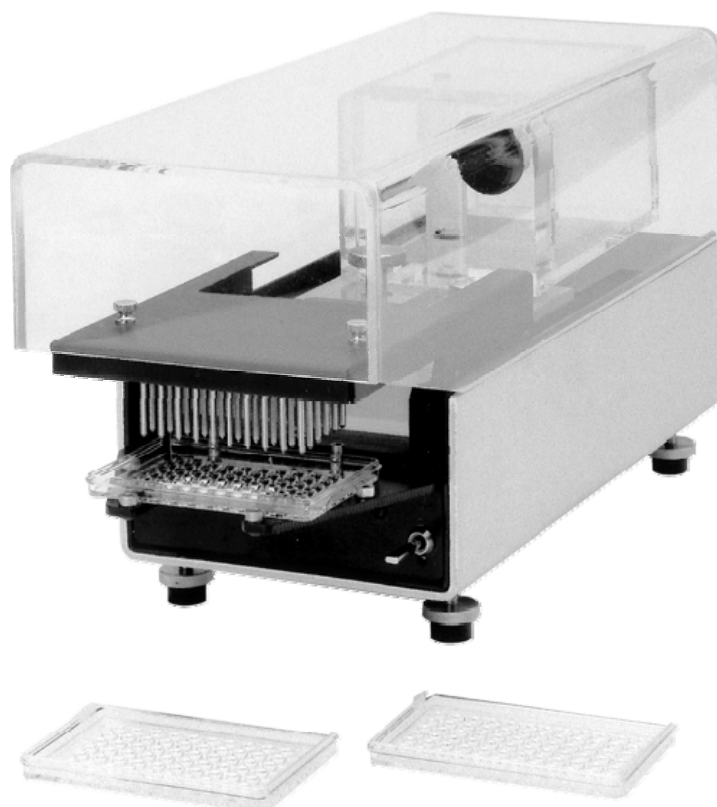
The **reconditioned Automatic Serum Dispenser** comes with a **full one-year warranty**. The Serum Dispenser can be configured with a **60 or 72 syringe-head**.

All units are **refurbished, inspected, assembled and thoroughly tested** by the same technicians who originally built and serviced these Serum Dispensers for many years and who are the most qualified to ensure the instruments are performing to original specifications.

→ **Also available: Serum tubes, replacement syringes and PTFE tips.**

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Automatic Typing Tray Oiler for HLA laboratories



- Predetermined volume of oil is dispensed into all wells of a typing tray in one step
- Equipped with a head with stainless steel pins
- Head moves into a reservoir of oil and then automatically moves and touches the wall of the typing tray wells delivering the oil in the self-refilling reservoir
- Volumes between 1 μ l and 15 μ l can be selected through the depth that the pins penetrate the oil
- Easy operation through a switch in the front of the device
- A removable clear acrylic cover protects the oil reservoir from contamination with dust
- Operation in continuous mode is possible, dispensing oil every six seconds automatically
- Interchangeable heads for **60, 72 and 96 well trays** are available
- Heads are easily changed without tools by releasing two knurled screws

Specifications:

Dimensions (w x d x h):	13 cm x 15 cm x 33 cm
Weight:	4.1 kg
Oil reservoir capacity:	Approx. 500 ml for approx. 1,500 plates
Price:	upon request