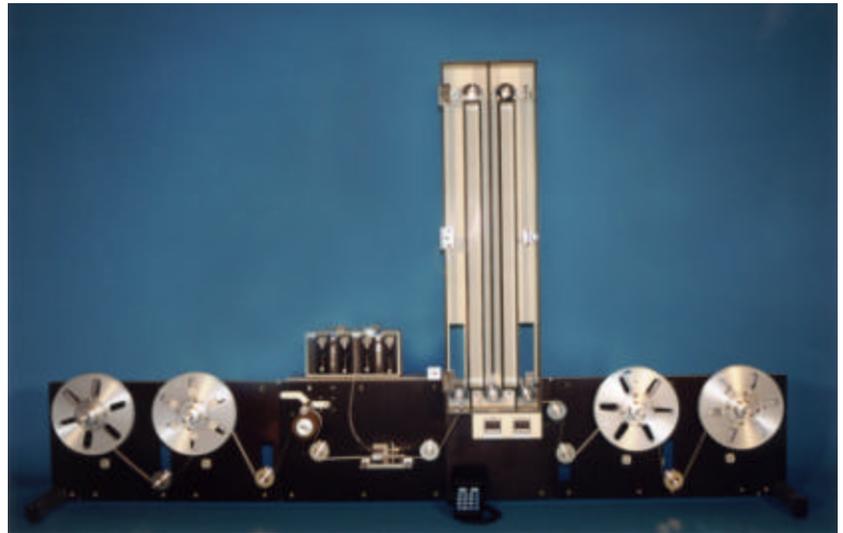


IsoFlow™ Reel-to-Reel Dispenser

- Dimensions on backed or un-backed membrane, with or without liner
- Dispenses fine reagent lines using Low Contact Pressure (LCP) nozzles
- Dispenses conjugates using Atomizing Nozzle
- 10-150 mm/s dispense rates.
- Throughput more than 60,000 tests per hour
- Dispense volumes from 0.001 to 10 μ L/mm
- Individual Dance Arms precisely control tension in each web
- 3" Standard Core ID
- 10" Reel OD
- Easy to use and maintain
 - Minimal training required
 - Completely digital operation
 - Reduced labor cost and overhead
- Drying Tower
 - 4 meter drying tower standard
 - Larger towers optional
 - Tower temperature 30-60 C
- Dimensions (4 reel system)
 - 1.37 M (54") high
 - 2.3 M (90") long
 - 0.5 M (20") wide
 - Weight 100Kg (220 lbs.)
 - Power 1500 watts – 110 or 220 VAC



The IsoFlow™ Reel-to-Reel Dispenser precisely dispenses liquid reagents in lines, onto reels of membrane, for the production of immunochromatic diagnostic strip tests. The membrane is dried in the integral drying tower before it is re-reeled. The IsoFlow™ Reel-to-Reel Dispenser is designed for large-scale production and can produce 30 to 60 thousand tests per hour.

Digitally controlled positive displacement pumps in combination with Imagen's LCP (Low-Contact-Pressure) nozzles ensure consistent lines of the highest quality. When configured with Imagen's atomizing nozzle the system can be used for treating conjugate pads with release buffers and colloidal gold conjugates.



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