control panel

HI921
Autosampler

Automate up to 18 samples

The HI921 Autosampler is an automated titration sample handling system designed for use with the HI902C Automatic Titration System, making multiple sample titrations quick and easy.

With the Autosampler, up to 18 samples can be run consecutively. The HI921 Autosampler interfaces directly with the HI902C to access titration methods. Once a titration method is established, the user can fully customize the automation sequence of their samples for this method. Sample names and size can be customized or auto-filled with preset values. One beaker can be designated for storage purposes

before and after titration sequences; up to three beakers per tray can be designated for an electrode rinse sequence, allowing for sufficient removal of solutions that are hard to clean between each sample titration. During each sample titration, the real-time progress is shown on the HI902C display. Finished sample results and graphs can be accessed during and after the titrations have finished.

Once the Autosampler sequence is complete, two reports are available for review: a sequence report featuring a table outlining each sample name, beaker position, sample size, and result for the tray, and a detailed titration report for each individual sample, including the graph of the titration data.

16 or 18 Sample Tray

The HI921 is able to automate samples using a 16 sample tray or an 18 sample tray. The 16 sample tray holds 150 mL beakers; the 18 sample tray holds 100 mL beakers. The Autosampler trays are composed of chemically resistant materials and are removable to allow for easy handling. The dishwasher safe trays provide a quick and simple way for users to clean regularly.

Built-in Magnetic Stirrer

A magnetic stirrer comes built-in with each Autosampler tray. Users simply need to add a small magnetic stir bar to each beaker to ensure homogeneity during titrations. An optional overhead propeller stirrer can also be installed for use instead of the built-in stirrer. The HI921 allows users to easily adjust the stirring speed of both the built-in and overhead stirrers for optimal use.

Built-in RFID

The HI921 sample trays feature a built-in RFID reader that is able to communicate the tray size and serial number of each tray. Users can have multiple trays, each designated to a specific set of samples. The RFID reader can ensure that the appropriate tray is used each time.

ติดต่อบริษัท นีโอนิคส์ จำกัด
Tel: 098-479-5684 หรือ 061-8268939
E-mail: sale@tools.in.th เว็บไซต์ www.tools.in.th

HANNA instruments

Specifications HI921

Electrode Holder Slots	3 x 12-mm electrodes	Trays	16 beakers x 150 mL (HI920-11660)
	1 temperature sensor		18 beakers x 100 mL (HI920-11853)
	1 aspiration tube		built-in RFID, transmits the tray type and serial number to Autosampler
	5 multi - purpose slots (titrant/reagent tubes)	Beakers	ASTM short-form glass beakers
	1 overhead stirrer		HI920-060 (150 mL), fits HI920-11660 tray - 16 plastic beakers
Temperature Sensor	HI7662-A (included)		HI920-053 (100 mL), fits HI920-11853 tray - 18 plastic beakers
Stirrers	built-in magnetic stirrer	Control Panel	buttons for manual operation of tray and titration head
	overhead propeller stirrer (optional)		manual operation of peristaltic or membrane pumps
Peristaltic Pumps	up to 3 can be installed		2-line backlit display with status information
	installs in slots #1, 2, 3	Barcode Reader	compatible with USB barcode readers, used to add sample names
Membrane Pump (for cleaning)	installs in slot #4	Report Storage	up to 40 trays of samples (e.g.: 720 reports for 18-beaker tray)

Ordering Information

Choose your Autosampler configuration:

x=	1	16 sample tray	
	2	18 sample tray	
y=	0	no peristaltic pump	
	1	one peristaltic pump	
	2	two peristaltic pumps	
	3	three peristaltic pumps	
z=	0	no membrane pump	
	1	one membrane pump	

HI921 – x y z

HANNA instruments