

AUTO UNIVERSAL TITRATOR 354



**Potentiometric
Titration with
Graphic Display**

SALIENT FEATURES

- Burette-less accurate dispensing system
- Internal and external calibration
- Save the programs & test
- Magnetic stirrer with adjustable speed
- Large Graphic LCD 240*128 Pixel to display titration Curves
- Potentiometric Titration.
- pH & mV measurement
- Temperature measurement
- Temperature Compensation for pH.
- Dispenser (Delivery pump)
- Data memory
- Prints the Data and Graph on 80 column DMP

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MANUFACTURERS OF ELECTRONIC INSTRUMENTS AND SCIENTIFIC EQUIPMENTS.

BRANCH ADDRESS :

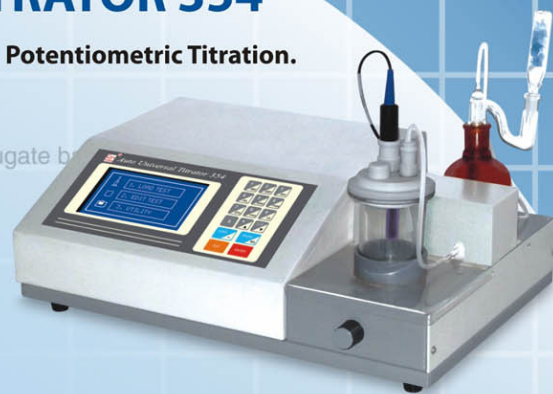
BRANCHES AT : BENGALURU, BHOPAL, BHUBANESHWAR, CHANDIGARH, CHENNAI, GUWAHATI, HYDERABAD, JAIPUR, KOLKATA, LUCKNOW, MUMBAI, NEW DELHI, PATNA & THIRUVANANTHAPURAM.

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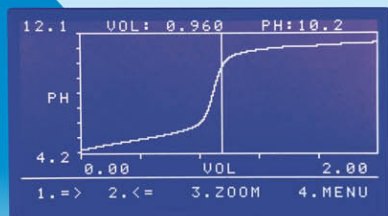
Karl-Fischer Titration.



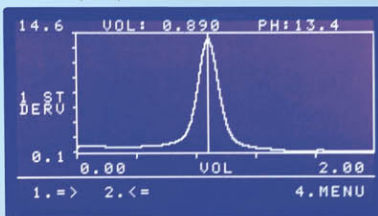
Potentiometric Titration.



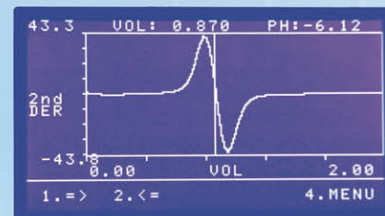
- Potentiometric : Acid-base titration
Karl-Fischer titration
Precipitation titration
Redox titration



Potentiometric titration.



First derivative for Peak Point determination (pH / mV)



Second derivative for Volume determination (ml)

SPECIFICATION

MEASURING RANGE

	Range	Resolution	Accuracy
pH	: 0.00 to 14.00	0.01 pH	± 0.01
mV	: 0.00 to ±1999	0.1mV	± 0.5 mv
Temp.	: 0.0 to 100°C	0.1°C	± 1°C

pH CALIBRATION

pH Calibration with 2, 3 & 5 points Standard Buffer or user selectable standard with Auto or Manual Temp. compensation

SOLUTION DISPENSING MECHANISM

Highly accurate Sipper pump with auto calibration

DISPLAY RANGE & RESOLUTION OF VOLUME DISPENSES

0-99.9 ml with 0.001 ml resolution by using Statistic Analysis

CALIBRATION FOR KF-FACTOR

Inbuilt automatic KF factor calculation facilities, After Standardization one can use same factor for different Sample or can re-standardize the KF reagent

MOISTURE CONTENT CALCULATION

0 to 100 % Display with % as well as mg

END POINT ALARM

After Titration is over it gives audible beep

HOLD TIME FOR END POINT

10 to 50 Second hold time, when end point is achieved, unit waits for stable end point

POTENTIOMETRIC TITRATION

1st derivative for Peak Point (pH / mV) determination

2nd derivative for Volume (ml) determination

DISPLAY & KEYBOARD

Graphic LCD 240*128 display & Soft touch keyboard with 16 keys

PRINTER PORT

Epson compatible 80 Column D. M. Printer

RS-232

PC Link data transfer

STIRRER

Inbuilt Magnetic stirrer with adjustable speed

ACCESSORIES

- Reservoirs bottle with air tight attachments
- Reaction vessel with Teflon based air tight cover
- Glass Electrode
- Reference Electrode
- Combined Electrode
- Dual Pt electrode for KF titration
- Temperature probe (Pt -100)

POWER : 230V ±10%, 50 Hz

DIMENSION : 430 (H) X 250 (W) X 120 (L) mm

WEIGHT : 4 kg

OPTIONAL ACCESSORIES

- Gel field Combined Electrode
- Silver Electrode
- Dual Junction reference electrode
- P C link software