

POLAROGRAPHIC ANALYSER

CL 362

PRODUCT SPECIFICATION SHEET



Table Top



LCD Display



Electrode



SALIENT FEATURES

- ▷ Microprocessor based with Printer Interface.
- ▷ Selectable Modes of Operation
 - Normal Pulse Polarography
 - Differential Pulse Polarography
 - Charge Current compensated DC Polarography
 - Stripping Voltammetry
- ▷ Continuously adjustable
 - Starting Potential,
 - Charge Current Compensation,
 - IR Compensation.
- ▷ Multiple drop rates, Current sensitivities and Pulse amplitudes.
- ▷ Slow acquisition mode for evaluating irreversible electrode reactions.

APPLICATIONS

- For analysis of various Ions in Water and a variety of aqueous and non aqueous solutions used in :
- ▷ Pharmaceuticals
 - ▷ Bio Chemical
 - ▷ Chemical
 - ▷ Food
 - ▷ Beverage
 - ▷ Metallurgical
 - ▷ Pollution Control
 - ▷ Battery & Other Industries
 - ▷ Pesticide testing Labs



Pharmaceutical



Chemical



Metals



Pesticides



Batteries



Research



Food & Beverages



Pollution Control

SPECIFICATIONS

STARTING POTENTIAL	± 2048 mV
Accuracy	± 0.1 % of range
Readability	1 mV

CURRENT	
Range	1, 10, 100, 1000 mA FS
Accuracy	± 0.5 %

CHARGE CURRENT & IR COMPENSATION	
0 to 100% (Adjustable)	

DATA PRESENTATION	
Readout	2 line 24 character Dot Matrix Backlit LCD Module
Hard Copy	On Printer (Centronics)

PHYSICAL DIMENSIONS	
Size (WxDxH) in mm	357 x 330 x 117
Weight (in kg)	Approx. 10

POWER REQUIREMENT	
230 V ± 10% AC, 50 Hz, 1φ, 25 VA Max.	

SCAN RATE		
Acquisition mV/s	FAST	SLOW
	12 in 0.5 s/drop	2 in 1.0 s/drop
	6 in 1.0 s/drop	1 in 1.0 s/drop
	3 in 2.0 s/drop	--

PULSE AMPLITUDE	5, 10, 25, 50 & 100 mV (Selectable)
DROP TIME	0.5, 1.0 & 2.0 sec. (Selectable)

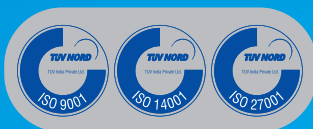
ACCESSORIES SUPPLIED	
With Instrument	Cell stand with knocker assembly -1 Polarographic cell with Electrodes and Inlet & Outlet tubes -1 Mercury reservoir with 'T' joint and Capillary -1 Mercury -500 gms Spare Capillary -1 Dot Matrix Printer -1

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