

Experiment(s):

1. Determination of Avogadro number using electrolysis technique

(For more details, procedure & manual visit: www.kamaljeeth.net)

Reference : Lab Experiments Journal vol-16, No.1, Page-1

Experiment setup consists:

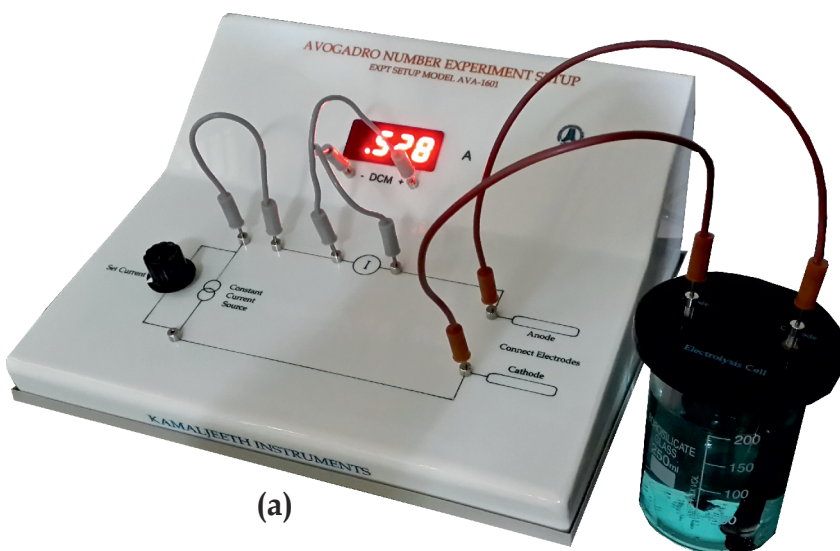
- a) Avogadro's number experiment kit
- b) Digital balance

Specifications:

a) Avogadro's number experiment kit
 Power supply: 0 - 1 A Constant current power supply
 Current meter: 0-2A, 3½ digit, LED display
 Rated Input: 220 V/50 Hz or 110 V/60 Hz
 Power consumption: <50 W
 Cabinet: Acrylic body, aluminium bottom
 Connectors: 2 mm - 2 mm moulded brass pin patch cords

Electrolysis Cell: consists a metal rod and metal plate at anode and cathode
Electrolyte: HCl (Not included)

b) Digital balance:
 Pocket type
 Power: Battery operated
 Max weight: 200 g
 Resolution: 0.01 g



(a)



(b)



KAMALJEETH INSTRUMENTS

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA

Website: www.kamaljeeth.net, Email: labexperiments@kamaljeeth.net

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