

CONDUCTOMETRIC TITRATION

Mod. C-AV-38/EV

DESCRIPTION

The electrical conductivity of aqueous electrolyte solutions is determined by the type and number of charge carriers at a constant temperature. Characteristic variations of conductivity are connected with variations in the ionic composition of reagent systems. These can be used in the conductometric titration as indicators of colour change point. Through the conductivity sensor, the change in conductivity is measured in different titrations.

TRAINING PROGRAM

- Electrolytes
- Specific conductance
- Ionic mobility
- Ionic conductivity
- Conductimetry

COMPONENTS

- Precision scale
- Flasks
- Pipettes
- Pipetter
- Funnel
- Sulphuric acid
- Hydrochloric acid
- Acetic acid
- Caustic soda solution
- Barium hydroxide
- Distilled water



REQUIRED (NOT INCLUDED)

- **EVLAB DATALOGGER mod. EVS-EXP/EV** including **SOFTWARE EVLAB WORKSPACE mod. SW-C-AV-38/EV** for a total control of interactive experiments
- Temperature sensor **mod. EVS-15/EV**
- Conductivity sensor **mod. EVS-BIO-07/EV**
- **PERSONAL COMPUTER**



SUPPLIED WITH

THEORETICAL - EXPERIMENTAL HANDBOOK

