

## EMULSION - DISTILLATION UNIT (A-450)

ASTM D402 • AASHTO T-78

- Used to determine the amount of water in the bitumen and petroleum products. The mechanism of the test is done via distilling the specimen with a water immiscible (volatile solvent).
- Comprises distillation flask, condenser, ring burner and two thermometers.



Emulsion - Distillation Unit (A-450)

### TECHNICAL SPECIFICATIONS

- Distillation Flask
- Condenser
- Ring Burner
- Thermometer (2ea)

## PARTICLE CHARGE TESTER (A-460)

ASTM D224

- Used to determine the particle charge (cationic) for the asphalt cement (bitumen) emulsion.
- Equipped with milliammeter, variable resistor, rechargeable batteries and two stainless steel electrodes.



Particle Charge Tester (A-460)

### TECHNICAL SPECIFICATIONS

- Identify cationic emulsions
- Supplied with:
  - Milliammeter
  - Variable Resistor
  - Rechargeable Battery
  - 2 electrodes (ss)