Model ADPM

Portable Deposit and Corrosion Test Unit

Key Features
- Self-Contained
- Portable
- Optional Digital Readout
- Saves Money
- Saves Equipment
- Simple to Operate
- Advanced Warning
- Easy to Install
- 2 Year Warranty

Application
ADPM portable testers monitor the deposition and corrosion characteristics of cooling water systems.

Deposit sampling is performed by increasing the rate of deposition in a specimen tube with a cartridge heater. Corrosion is monitored with a corrosion coupon.

All ADPM models include frame, panel, strainer, flow meter, flow switch, voltage meter and control, specimen holder and heat exchange assembly and corrosion coupon holder.
### Specifications

#### Electrical
- **Input:**
  - ADPM-1: 120 VAC, 50/60 Hz
  - ADPM-2: 240 VAC, 50/60 Hz
- **Output to Heater:** 120, 5 Amp resistive

#### Construction
- **Frame material:** 1 inch (2.54 cm) sq. steel
- **Flow switch:** 1 GPM (3.78 LPM) min.
- **Pipe material:** Sch 80 PVC
- **Panel material:** Polyethylene

#### Environment
- **Maximum pressure:** 80 psi (5.5 bar)
- **Maximum temperature:** 140°F (60°C)

#### Net Weight:
- 30 lbs. (13.61 kg)

#### Shipping Weight:
- 35 lbs. (15.88 kg)

#### Dimensions:
- W 20.5” (52.07 cm) x H 26.25” (66.68 cm) x D 7” (17.78 cm)

### Models
- ADPM-1 ......................... 120 VAC
- ADPM-2 ......................... 240 VAC

### Option
- **A** = Provides a digital readout of heater voltage, incoming water temperature and heating rod temperature.

### Accessories
- **Coupons:**
  - AMS .................................. Mild steel
  - ACO .................................. Copper
  - AS3 ............................... 303 Stainless Steel
  - AS4 ............................... 304 Stainless Steel
  - AS5 ............................... 316 Stainless Steel
  - ANK .................................. Nickel
  - ABR .................................. Brass
  - ABZ .................................. Bronze

- **Specimen Tubes:**
  - AMS-T .............................. Mild Steel
  - ACO-T .............................. Copper
  - AS3-T .............................. 303 Stainless Steel
  - AS4-T .............................. 304 Stainless Steel
  - AS5-T .............................. 316 Stainless Steel
  - ANK-T .............................. Nickel
  - ABA-T .............................. Brass

### Parts Identification
- **A** = Test Heat Exchanger
- **B** = Outgoing Water Temperature
- **C** = Tube Heater/Exchanger
- **D** = Temperature probe
- **E** = Specimen Tube
- **F** = Corrosion Coupon Holder
- **G** = Flow Meter
- **H** = Flow Switch
- **I** = Sample Port
- **J** = Incoming Water Temperature Probe
- **K** = Shut-Off Valve
- **L** = Frame
- **M** = 3/4” (1.91 cm) Water Inlet Port
- **N** = 3/4” (1.91 cm) Water Outlet Port
- **O** = Temperature Controller and Display

### Notes:
- ADPM-1-A shown on cover.