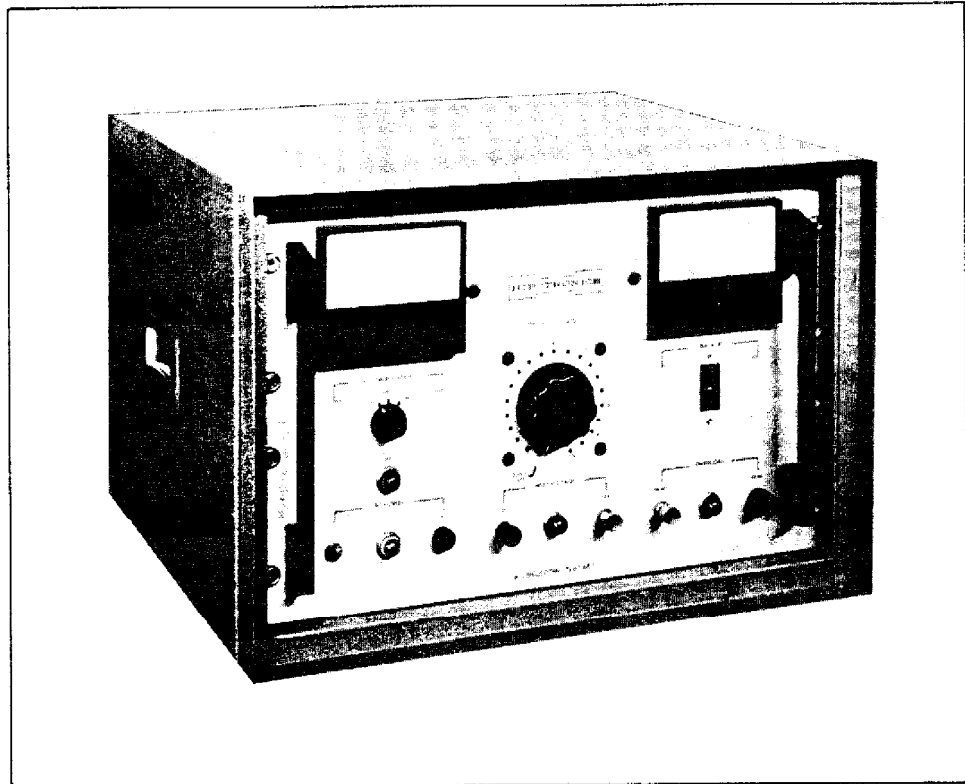


## **AC DIELECTRIC INSULATION TEST EQUIPMENT**



- Complete range of test sets.
- 0.5 kVA to 500 kVA.
- For testing to: UL, CSA, NEMA, MIL, ASTM, AEIC, IPCEA and industry specifications.

**Hipotronics**

## SPECIFICATIONS AND GENERAL DESCRIPTION

### AC DIELECTRIC TEST SET

MODEL NO: 735-2AF  
PART NO: CS14-2276

### SPECIFICATIONS

Input	120 V ac, 60 Hz, 2 kVA
Output	35 kV ac @ 2 kVA
Distortion less than 5%	
Duty	2 kVA @ 1 Hour, 1 1/2 kVA Continuous
Kilovoltmeter	0-8/20/40 kV ac, 2% Accuracy
Current Meter	0-60 mA ac, 2% Accuracy
Control Size	21" W x 20" H x 19" Deep
Tank Size	Included in Controls

### GENERAL DESCRIPTION

Hipotronics AC Dielectric Test Sets are ruggedly designed systems engineered especially to provide ac test power for a variety of capacitive, inductive or resistive loads. Each unit is engineered and built for a long lifetime of service.

We at Hipotronics are keeping pace with new engineering solutions and more reliable dielectric testing methods to meet the needs of industry. All of our insulation testers are conservatively designed to insure high-est quality and dependability. The most advanced techniques have been used to more than comply with the growing reliability standards imposed by the industry. Also, years of engineering experience have made it possible to manufacture test sets with ease of operation and operator safety and integral consideration in every design.

Where supplied, corona free (partial discharge) units are designed for extremely low noise levels. Each high voltage component undergoes the strictest processing controls employed today so that long stable operation is maintained in our AC Dielectric Test Sets.

FEATURES AND OPTIONS

FEATURES

Continuously adjustable output

Continuously adjustable overload from 0-100% of rated current

"Zero Start" interlock

External interlock provisions

Triple-range voltmeter, output connected

Double-range current meter

Backup overload breaker

Meter recalibration potentiometers (if applicable)

HV "ON" and "OFF" pushbuttons

Indicator Pilot Lights: Main Power, Control Power, HV ON, Intlk Open,  
and Overload

OPTIONS (CHECKED IF APPLICABLE)

\_\_\_\_\_ Corona Detection Equipment

\_\_\_\_\_ Motorized Output Control, single speed

\_\_\_\_\_ Motorized Output Control with 10:1 range of adjustment

\_\_\_\_\_ "HV ON" Dwell Timer

\_\_\_\_\_ Memory KV Meter

\_\_\_\_\_ Completely Automatic Test Programming

\_\_\_\_\_ Burn Feature

\_\_\_\_\_ Tapped Secondary

\_\_\_\_\_ Test Fixtures and Jigs

\_\_\_\_\_ HV Warning System

  X Other: Guard Circuit