



**HIPOTRONICS**<sup>®</sup>  
THE MEASURE OF A LEADER

## 700 Series AC Dielectric Testers

### FEATURES

- Rack Mountable
- Safety Interlock Provision
- Over Current Protection
- Overload Light
- Zero Start Interlock
- Output Connected Voltmeter and Current Meter
- Manual Reset

### BENEFITS

- Safe and easy operation
- Accurate readings independent of load or line variations
- NIST Traceable
- Meets Industry Standards - Tests to most UL, CAS and other industry standards

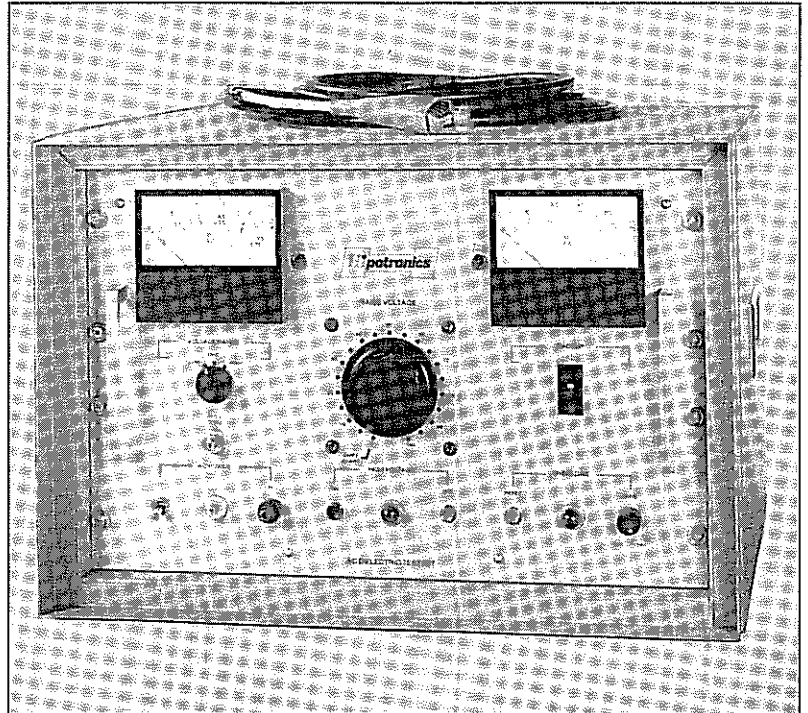
### APPLICATIONS

The most common applications are for testing of:

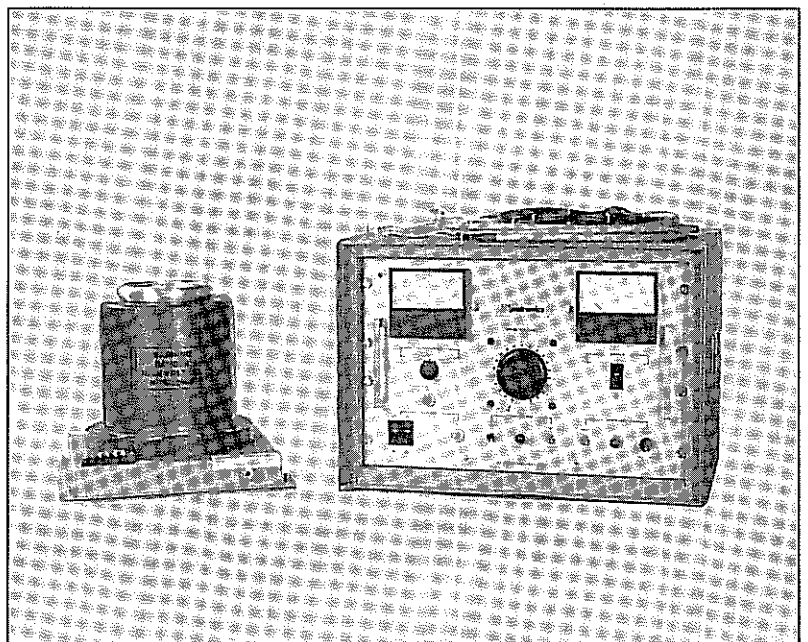
- Wire and cables
- Capacitors
- Transformers
- Coils and indicators
- Motors
- Battery cases
- Flocking lines

### DESCRIPTION

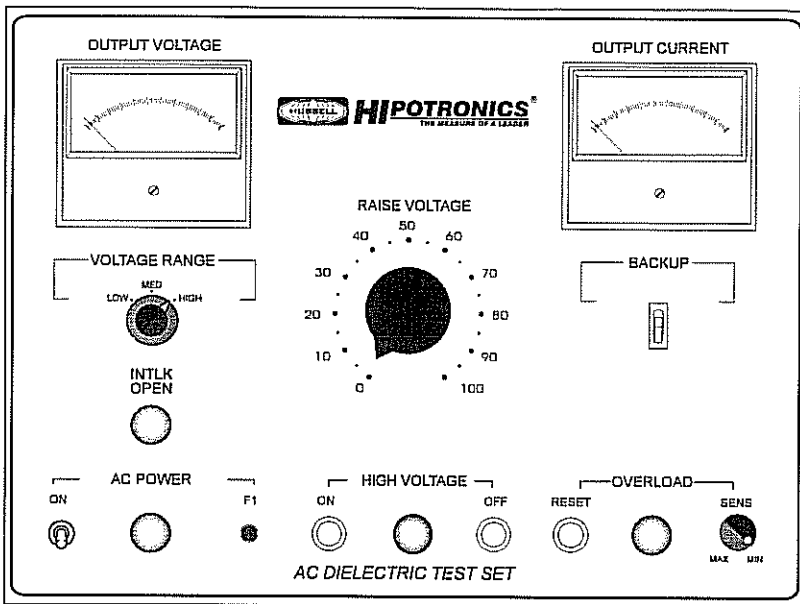
The 700 Series of AC Dielectric Testers performs AC dielectric withstand (hipot) tests. These benchtop instruments are designed to test electrical system components in a cost-efficient manner.



Model 715-1  
AC Dielectric Tester



Model 730-2  
AC Dielectric Tester



700 Series  
Front Panel Layout

**SPECIFICATIONS**

MODEL NO.	Voltmeter Range (kV)	Current Meter Range (mA)	KVA	Overload Sensitivity Range (mA)	Insulation Medium
705-1	0-1/2.5/5	0-200	1	20-220	Air
710-1	0-2/5/10	0-100	1	10-110	Air
715-1	0-3.75/7.5/15	0-75	1	7-73	Air
720-1	0-4/8/20	0-50	1	5-55	Oil
730-1	0-6/12/30	0-40	1	3-37	Oil
705-2	0-1/2.5/5	0-400	2	40-440	Air
710-2	0-2/5/10	0-200	2	20-220	Air
715-2	0-3.75/7.5/15	0-150	2	13-146	Air
730-2	0-6/12/30	0-75	2	7-73	Oil
750-2	0-10/25/50	0-40	2	4-44	Oil
MODEL NO.	Duty Cycle Rating (kVA) 1 hr./continuous	Controller W x H x D (in.)	Controller Weight . Net/Ship	High Voltage Section W x H x D (in.)	HV Section Weight Net/Ship
705-1	1/0.6	21 x 15 x 19.5	85/96 lb (39/44 kg)	in controller**	None
710-1	1/0.6	21 x 15 x 19.5	85/96 lb (39/44 kg)	in controller**	None
715-1	1/0.6	21 x 15 x 19.5	85/96 lb (39/44 kg)	in controller**	None
720-1	1/None	21 x 15 x 19.5	81/91 lb (37/41 kg)	12 x 11 x 12*	40/55 lb (18/25 kg)
730-1	1/None	21 x 15 x 19.5	81/91 lb (37/41 kg)	12 x 11 x 12*	45/60 lb (21/28 kg)
705-2	1/0.6	21 x 15 x 19.5	95/105 lb (43/48 kg)	in controller**	None
710-2	1/0.6	21 x 15 x 19.5	95/105 lb (43/48 kg)	in controller**	None
715-2	1/0.6	21 x 15 x 19.5	95/105 lb (43/48 kg)	in controller**	None
730-2	1/None	21 x 15 x 19.5	70/80 lb (32/36 kg)	12 x 11 x 12*	60/68 lb (28/31 kg)
750-2	1/None	21 x 15 x 19.5	64/74 lb (29/34 kg)	14 x 12 x 14*	72/80 lb (33/36 kg)

- \* Bonnet type high voltage section (see picture)
- \* Terminations - HV - Corona ring with lug nut on HV Section
  - Ground - Stud with screw connection on chassis of the controller
- \*\* Terminations - HV - 20' of RG58/U or RG8/U cable with alligator clip termination
  - Ground - Stud with screw connection on chassis of the controller

For further information, contact:

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**ACCESSORY**

- SPARE PARTS KIT - SPK1 - (Model No.)

NOTE: Because Hipotronics, Inc. has a policy of continuous product improvement, It reserves the right to change design and specifications without notice.