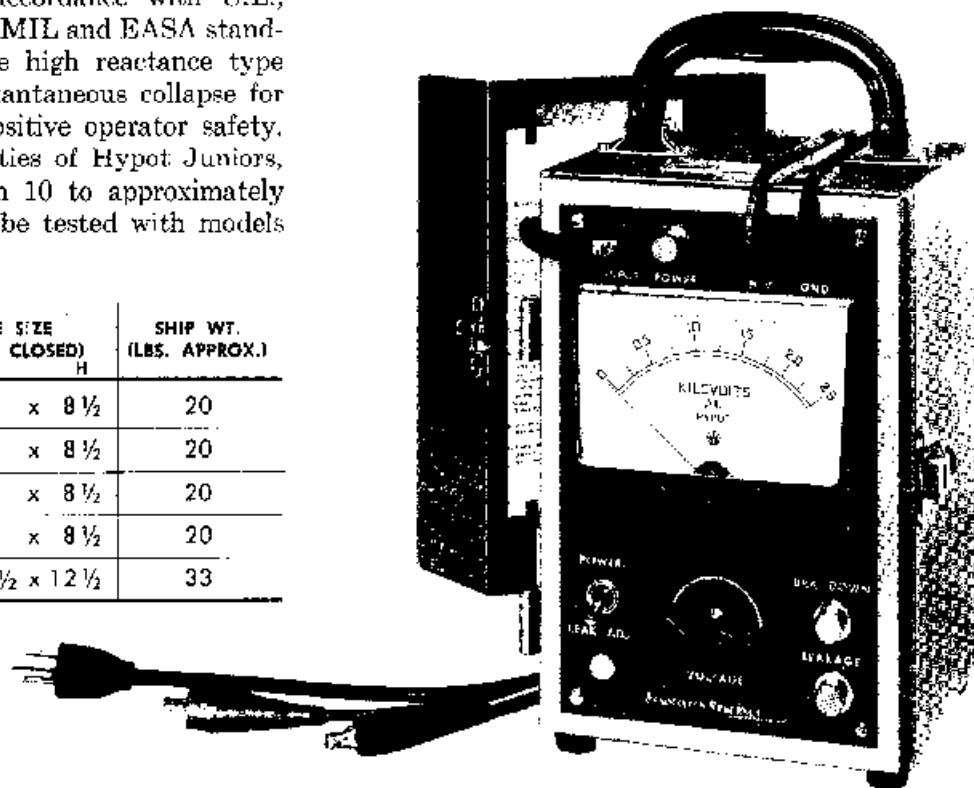


# HYPOT® JUNIOR VISUAL INDICATOR MODELS

These high quality, easy-to-use instruments are designed to perform tests in accordance with U.L., C.S.A., ASTM, NEMA, IEEE, MIL and EASA standards by visual indication. The high reactance type transformer employed has instantaneous collapse for non-destructive testing and positive operator safety. As an example of the capabilities of Hypot Juniors, items with a capacitance from 10 to approximately 50,000 micro-microfarads can be tested with models selected to fit the need.

NUMBER MODEL	OUTPUT (VOLTS)	CASE SIZE (INCHES CLOSED)			SHIP WT. (LBS. APPROX.)
		W	D	H	
412	0-1500	6	9	8 1/2	20
411	0-2500	6	9	8 1/2	20
404	0-4000	6	9	8 1/2	20
414	0-6000	6	9	8 1/2	20
422	0-10,000	9 3/4	9 1/2	12 1/2	33

Complete instrument includes test leads and clips, instruction manual and Guarantee Card.



## DESIGN FEATURES . . . BOTH STYLES

**INPUT** . . . 115 vac, 50/60 cycles through five-foot lead with three-prong plug.

**OUTPUT** . . . continuously adjustable from zero to maximum. 5-ft. leads furnished, terminating in insulated test clips.

**CONTROLS** . . . ON-OFF switch with red pilot light . . . variable output voltage control.

**CABINET** . . . durable gray hammer-oid finish with heavy blue aluminum panel, carrying handle, removable cover with convenient storage compartment for leads, instructions and other data.

**METERING** . . . 4 1/2-inch wide-view Kilovoltmeter connected directly across HV output. Accuracy: 3% of full scale. Neon "breakdown" light to indicate breakdown, arcing or corona. Neon "leakage" light to indicate excessive leakage current. (Single light only on Squawker Models.) Normal leakage light setting at factory is .5 milliamperes. See adjustability feature, right.

**SIMPLE OPERATION** . . . plug in any convenient 115 vac outlet. Clip both test leads on item. Flip switch — power is ON when red pilot light glows. Turn voltage control knob to desired test voltage.

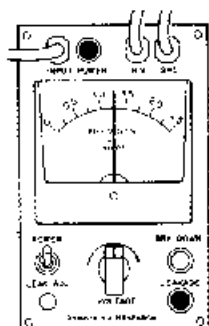
**SAFETY FEATURES** . . . collapsing field type power transformer automatically lowers output voltage as current flow increases. Short circuit current limited to approximately 18 MA. Cabinet and panel at ground potential.

**CHOICE OF MODELS** . . . five Visual Indicator Models, four Automatic Squawker Models. It is recommended selecting a model with a top voltage output 20% higher than anticipated need.

**PRICE** . . . These high quality, ARI precision engineered instruments are surprisingly low in cost . . . ask for price list.

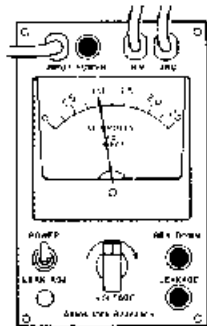
## POSITIVE TEST . . .

### VISUAL INDICATOR MODELS



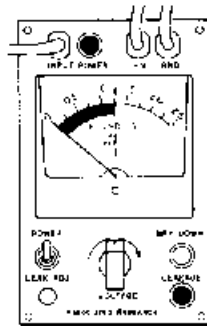
#### LEAKAGE

Any current in excess of the leakage light setting causes the neon leakage light to glow.



#### BREAKDOWN

The breakdown light glows when breakdown, arcing or corona occur. The leakage light also glows when the breakdown, arc or corona current exceeds the value of the leakage light setting.



#### SHORT CIRCUIT

If direct short circuit is present at beginning of test, the leakage light will glow and the output voltage will not build up in response to turning up the output voltage control. If a short occurs while test is being made, the leakage light will glow and the output voltage will collapse to zero immediately.

USED BY MANY OF THE NATION'S LEADING MANUFACTURERS