

ASSOCIATED RESEARCH, INC.

MODEL SPECIFICATION - DC HYPOT

MODEL NUMBER: 05472-A

DESCRIPTION: Portable DC HYPOT - 2 Pc.

PRIMARY APPLICATION: Dielectric withstand testing of rotating machinery, transformers, switchgear and cables for acceptance and routine maintenance in the field.

INPUT

Voltage: 115 Volts AC

Frequency: 60 Hz

Phase: Single

Current: 5 amperes

OUTPUT

Voltage: 0-60 KV DC continuously adjustable

KVA: .3

Frequency: DC

Current: 5 milliamperes

Duty Cycle: Continuous

Failure Detector: Current sensitive overload system monitoring current in return side of output. Fixed sensitivity at 5 MA.

VOLTAGE CONTROL: Manually operated, equipped with zero return interlock system to avert misapplication of High Voltage.

METERING

Kilovoltmeter: Analogue -- 0-30/60 KV

Milliammeter: Analogue -- 0-5/50/500/5000 microamperes

TERMINATION

Input: Ten foot, 3 conductor power cable terminated in a 3 prong grounding type plug.

H.V.: Receptacle with 15 ft. disconnectable coaxial cable (Superflex) terminated in lug.

Return: Metered-Bypass-Ground terminals with 15 ft. disconnectable leads terminated in insulated clips.

CABINETRY: Portable HV power supply, 19½" x 19½" x 9"

Portable control unit, 13½" x 14" x 8"

WEIGHT: H.V. Power supply - 89 lbs.

Control unit - 25 lbs.