

# THE DC SCOUT

DC GROUND FAULT LOCATOR

LOCATE GROUNDS WITHOUT  
DE-ENERGIZING CIRCUITS

NO DISCONNECTING LEADS  
TO ISOLATE GROUNDS IN  
COMPLEX CIRCUITS

FOLLOW PULSES TO GROUND  
WITH CLAMP-ON DETECTOR  
PROBE

TROUBLESHOOT CRITICAL  
CONTROL SYSTEMS QUICKLY,  
ACCURATELY

LOCATE GROUNDS WITH AS LITTLE AS 2 MA OF CURRENT

LOCATING GROUNDS IN NUCLEAR PLANTS, POWER PLANTS,  
OIL REFINERIES, CHEMICAL PLANTS, AND FIRE ALARM SYSTEMS



**SAFETY | SERVICE | SAVINGS**

INDUSTRY LEADERS IN  
ELECTRICAL TESTING & PRODUCTS  
FOR UTILITIES & COMMUNICATIONS



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# DC SCOUT SPECIFICATIONS

## PULSER UNIT

DESCRIPTION: HOUSED INSIDE INSTRUMENT CASE, MOUNTS PULSE METER AND USER ADJUSTABLE CONTROLS

OPERATIONAL VOLTAGE: 125 VAC, 250 mA FRONT PANEL FUSE PROTECTED

RELAY OUTPUT: 250 VDC, 250 mA FRONT PANEL FUSE PROTECTED

RELAY TIMING: 2 TO 8 CYCLES PER SECOND, USER ADJUSTABLE

RELAY INDICATOR LAMP: 14 VDC, BAYONET STYLE

PULSE AMPLITUDE METER: 0-300 mA DC, PIVOT AND JEWEL STYLE, WITH USER SELECTABLE 30 OR 300 mA RANGE

## PULSER DETECTOR

DESCRIPTION: SUPER-SENSITIVE PULSE AMPLIFIER, HOUSED IN ALUMINUM SHELL WITH NECK STRAP

OPERATIONAL VOLTAGE: 9 VDC, TRANSISTOR BATTERY POWERED

METER: TAUT BAND, ZERO-CENTER

DETECTOR/PROBE SENSITIVITY: 2 mA MIN. PULSE AMPLITUDE (FOR DETECTABLE METER MOVEMENT; SLIGHTLY MORE FOR OPTIONAL PROBE)

SENSITIVITY, BALANCE CONTROLS: ADJUSTMENT CONTROLS MOUNTED ON REAR PANEL

BATTERY TEST: REAR PANEL PUSH BUTTON WITH METER INDICATION

DIMENSIONS AND WEIGHT: 3 3/8" x 3" x 5 1/8" - 1LB.

## DETECTOR PROBES

STANDARD PROBE: 2" CIRCULAR JAWS; AEMC SR704 AC CURRENT PROBE, LEAD, 1mA/A, 1200A

OPTIONAL PROBE: .5" x 4" OPENING; AEMC MN106 AC CURRENT PROBE, LEAD, 1mA/A, 150A



STANDARD PROBE



OPTIONAL PROBE



PULSER DETECTOR



PULSER UNIT

## ABOUT THE COMPANY

HJ ARNETT INDUSTRIES, L.L.C., IS AN OREGON COMPANY WHICH MANUFACTURES AND DISTRIBUTES PRODUCTS FOR THE ELECTRIC, TELECOMMUNICATION, AND COMMERCIAL/INDUSTRIAL INDUSTRIES.

FOR OVER 45 YEARS, THE COMPANY HAS WORKED CLOSELY WITH ITS CUSTOMERS TO DEVELOP PRACTICAL PRODUCTS GEARED TO SOLVING EVERYDAY PROBLEMS FOR UTILITIES AND INDUSTRY.

THE COMPANY'S LINE OF INSTRUMENTS HAS GROWN OUT OF DIRECT DISCUSSION WITH AND RESPONSE TO LINEMEN AND ENGINEERS. WE WELCOME YOUR INQUIRIES AND COMMENTS.

## CHECK OUT THE COMPLETE LINE OF SERVICE CONDUCTOR TEST INSTRUMENTS

**THE SUPER BEAST-P**  
20 AMP, PULSING SERVICE CONDUCTOR TESTER

**THE MEGA BEAST**  
80 AMP, SERVICE CONDUCTOR TESTER

**THE PINPOINTER**  
UNDERGROUND SECONDARY FAULT LOCATOR