SPY 785 - 1-15 kV Pulse DC Holiday Detector

The SPY 785 uses pulse DC high voltage to detect discontinuities in nonconductive coatings over conductive pipe and structures. Its continuously adjustable 1-15 kV output, integral voltmeter and audible/visual indication support coating inspection with a suitable electrode and ground connection.

SPY / Pipeline Inspection Company 785 manufacturer model reference
SPY 785/790 - Factory Operating Instructions (PDF)
SPY Portable Holiday Detectors - Factory Brochure (PDF)

Manufacturer	SPY / Pipeline Inspection Company
Model	785
Output type	Pulse DC
Voltage range	1-15 kV, continuously adjustable
Output accuracy	+/-5% of indicated setting over 1-15 kV; regulated under load
Coating thickness range	4-150 mils / 0.10-3.81 mm
Pulse repetition	28 Hz
Display	LCD, integral user-adjustable voltmeter
Holiday indication	Audible horn and visual indication
Power	12 V rechargeable, quick-release battery
Typical battery operation	8 hours; depends on voltage and applied load
Weight with battery	7.45 lb
Dimensions without battery	21.5 x 5 x 5.5 in. L x W x H
Dimensions with battery	21.5 x 5 x 8 in. L x W x H
Electrode configurations	Spring, flat brush and circle styles sized to application
Kit contents listed by factory	Two batteries, charger, 50 ft ground cable, electrode wand, strap, adapters and case