

# HS-50

## Automatic Hole Scanner



## Special Features

- This lightweight hand-held scanner improves test reliability and reduces operator fatigue.
- Scanner provides simultaneous rotation and linear motion of the probe.
- Continuously variable rotational speed ranges from 40 to 120 RPM.
- Useable with shielded or unshielded probes.
- A wide range of compatible probe sizes are available.
- Convenient case stores scanner, probes and all accessories.

## Applications

A portable, easy-to-transport carrying case houses the lightweight, hand-held HS-50 Hole Scanner and its controls. The scanner accepts a wide range of hole inspection probes, both shielded and unshielded, with the most popular sizes being in the range of 3/16" to 1/2". The probe is simultaneously rotated and linearly driven into and out of the hole via a thumb operated rocker switch. Rotational speeds are continuously variable from 40 to 120 RPM and the probe linear travel is .025" for each revolution. The scanner also includes a control for setting the probe insertion depth anywhere within the range of 0" to 1-1/2".

## Description

**RPM:** Controls rotational speed of the scanner probe.

**Depth Thumbwheel:** Located on the top of the hand held scanner. Sets the depth of probe insertion on the part under test.

**Scanner Control:** Three position rocker switch controlling direction of probe travel.  
Center off position stops the probe rotation.

## Operation/Specifications

The HS-50 can be used in conjunction with most eddy current equipment for inspection of bolt holes. All you need is the proper probe, cable and HS-50 and an eddy current instrument.

**SCANNER DIMENSIONS & WEIGHT:** 2-1/2" x3" x 4-1/2", 1.5 lbs.

**PROBE SPEED:** Variable form 40 to 120 RPM. Scan helix fixed at .025"  
per revolution (40 revolutions per inch)

**POWER REQUIREMENTS:** 115/230 VAC, 50/60 Hz, single phase.