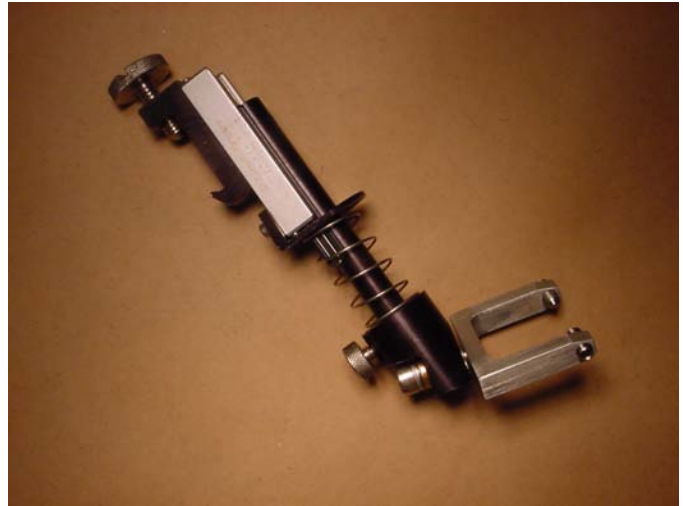


Manual Scanner – Model 4050

Manual Scanning

The 4050 Manual Scanner “Badger” is a magnetic wheeled single axis scanner designed for manual raster type scans of pipe, flat plate, and convex or concave surfaces. Movement via the wheeled axis provides precise, controlled motion of a UT or ET probe(s) over the test piece. The scanner is compatible with all AMDATA IntraSpect Data Acquisition and Imaging systems. Position information is supplied by a magnetic encoder for the wheeled axis. The scanner is equipped with an indexing button in lieu of second axis encoding. The Model 4050 is water resistant and has a durable powder coated cast aluminum housing. It is designed to withstand harsh environments and temperature extremes.



Scanner Features / Benefits

- Provides for pulse on position data acquisition
- Ideal for TOFD exams for difficult to reach areas
- Quick setup; no tracks required
- Facilitates “no tools required” adjustments
- Will withstand harsh field environments
- Ergonomic designed scanner made to fit the operator’s palm - 5” long, 4.5” wide, and 5” high
- The thruster assemblies mount to the housing in one of two locations (front or side)
- Up to four transducers may be used with standard 25’ long umbilical that also includes couplant line. Umbilical is protected by a braided polyester sheath
- Thrusters allow infinite adjustability including skewing of transducer
- Designed for scanning long seams on 6” OD pipe



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