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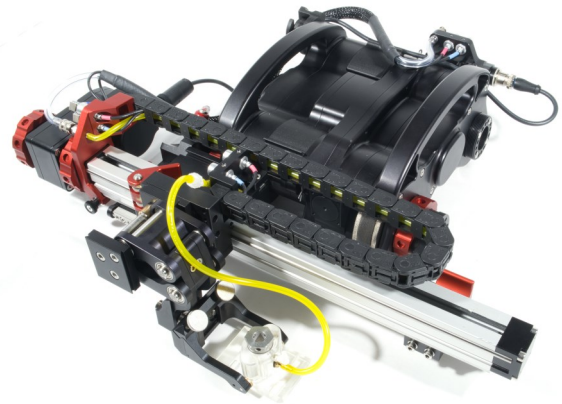
The Vertex Scanner

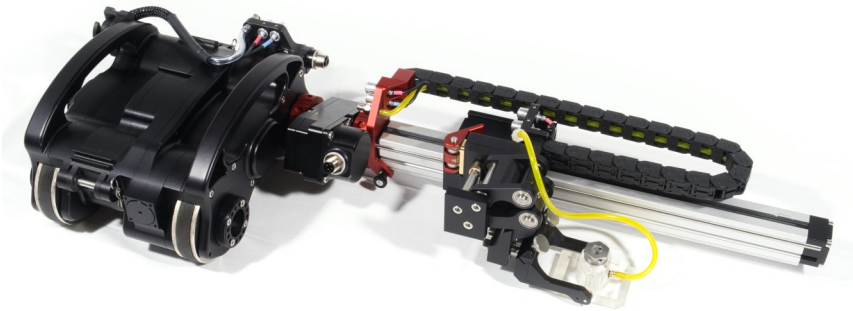
MODULAR, TWO-AXIS SCANNER PLATFORM

Introducing the new **Vertex Scanner—The modular and powerful pipe scanner!**

Toolless Modules Bring Versatility, Portability, and Reliability to your scanning arsenal!
ScanTech has answered the call for a portable yet versatile crawler with many rugged field proven components:

- Modularity—Toolless attachments for Front Raster Arm, Side Raster Arm, and Multi-Probe Weld Scans.
- Versatility—Scans circumferentially on carbon steel using magnetic wheels or non-ferrous materials such as carbon fiber and stainless steel using our chain attachment system.
- Compatibility—Use with our powerful Analyst Controller and Software or connect to a 3rd party Phased Array system.
- Field proven straight-line probe lift provides far greater ruggedness than a linear guide while ensuring positional accuracy.
- Rigid dovetail probe yoke provides wide adjustability for most probes, including Phased Array Probes, while maintaining the rigidity required for real world environments.
- Probe holders incorporate ScanTech' s patented Anti-Tip probe gimbal for best-in-class stability and UT signal return. When combined with the near-constant force spring design, you get a superior probe holder that will skim over welds with ease and provide quality repeatable UT readings.
- **ScanTech utilizes our STC distributed, modular control system.** This communication architecture minimizes cable conductors making the umbilical significantly lighter. It also offers easy expandability for an additional axis and add-on features, making this a very versatile platform for your scanning requirements.





Specifications:

Base Scanner Unit:

Length	10.5 in. [266.7 mm]
Width	7.5 in. [190.5 mm]
Height	5.0 in. [125.7 mm]
Weight	15.0 lbs. [6.80 kg]

Drive Units [@ full load]:

Speed	6 in/sec [153 mm/sec]

Raster Arm (Lead Screw):

Speed (@ full load) 30 in/s [914 mm/s]

Circumferential Pipe Minimum Diameters:

Front Raster Arm: 6" OD
Side Raster Arm: 3" OD