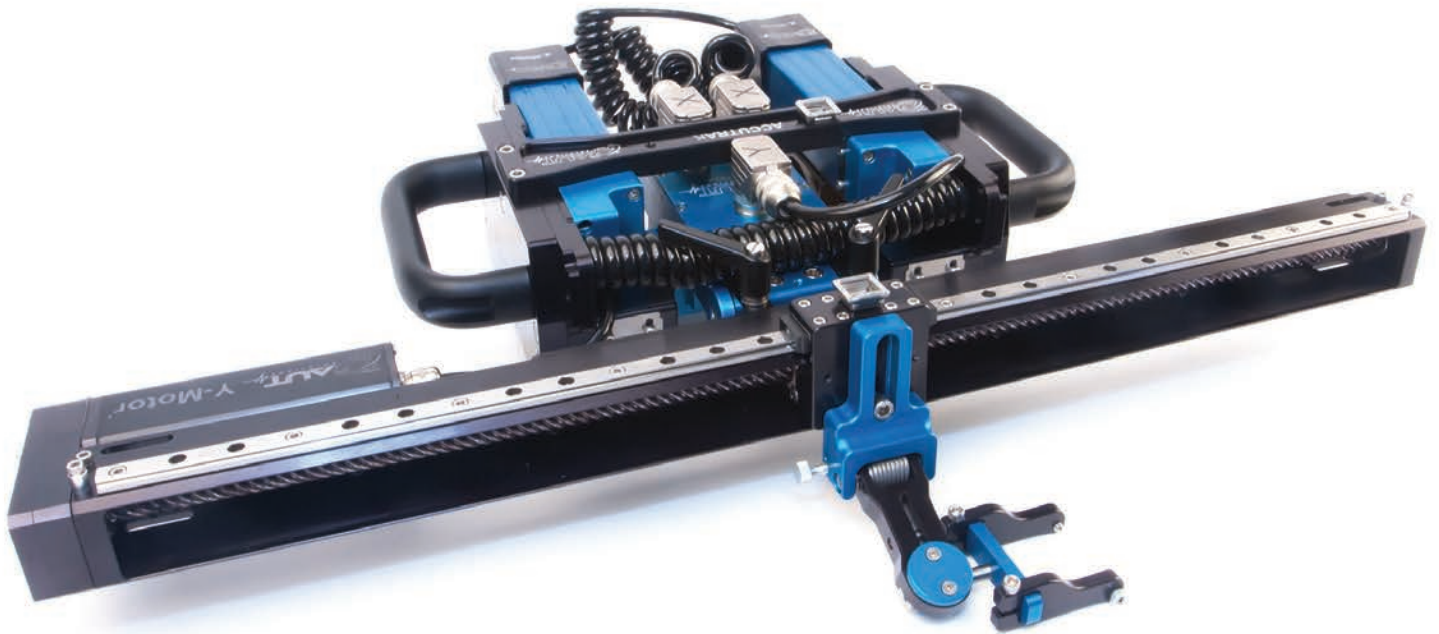




The Specialist in Advanced NDT

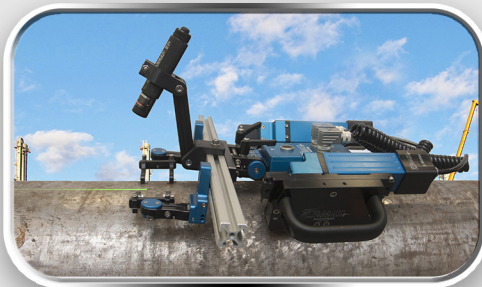
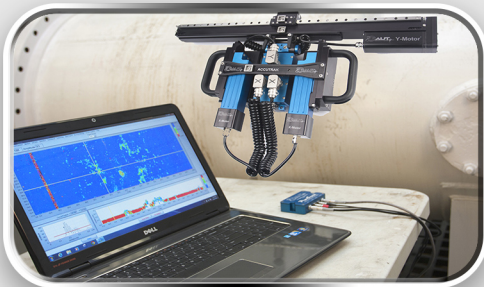


ACCUTRAK



First Ever Truly Modular 3-Axis Scanner

Compatible with: ProScan, Omniscan, TD Scan, Pocket UT, M2M, GE, Zetec, VEO, and more



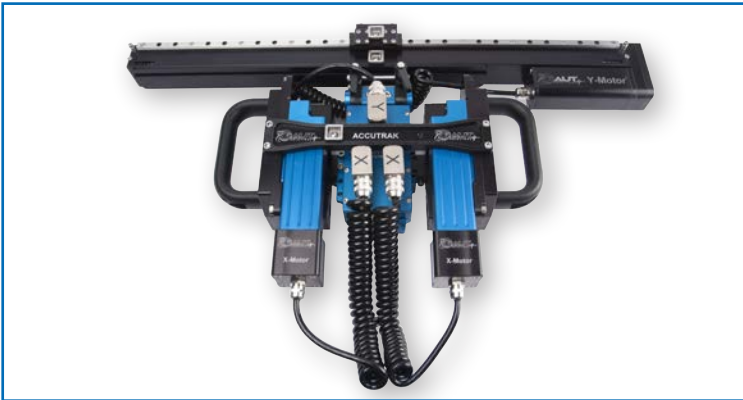
AccuTrak

The AccuTrak is the first ever “truly modular” scanner which offers both 3 or 2 axis versions and has the ability to scan just about any contoured ferrous surface. AUT Solutions was the first in the industry to design and manufacture modular style scanners to make repairs and modifications in the field easy and low cost to the customer. The AccuTrak is our latest scanner from this design concept that adds more flexibility than standard fixed wheels scanners as this scanner is steerable using a small hand held joystick or even your computer mouse.

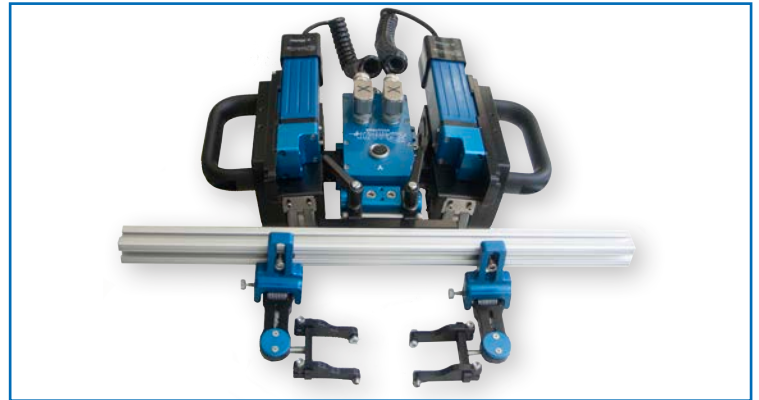
The AccuTrak truck assemblies rotate in multi-axis' to allow near perfect wheel contact to a flat or curved surface using its two powerful X-axis drive motors and magnetic wheels to help propel the scanner and umbilical vertically with little load, even when crossing over weld seam. The truck assembly can be locked into place for conventional 2-axis style scanning or can be unlocked to allow the scanner to become steerable on curved surfaces which is well suited for remote access corrosion mapping or weld inspection utilizing pulse echo, phased array or TOFD technologies. The AccuTrak comes standard as a 3 axis scanner, but the 3-axis arm can be removed to perform simple line or weld scans. The AccuTrak scanning system can be provided with many options, such as multi-probe weld inspection, a battery powered green laser line for weld tracking which can be visible in almost any light condition, and also a camera for weld tracking purposes. The AccuTrak is also capable of performing automated weld tracking utilizing a patent pending technology by AUT Solutions to automatically track the scanner to the center line of a weld thus the use of heavy and awkward tracks are a thing of the past.

Features

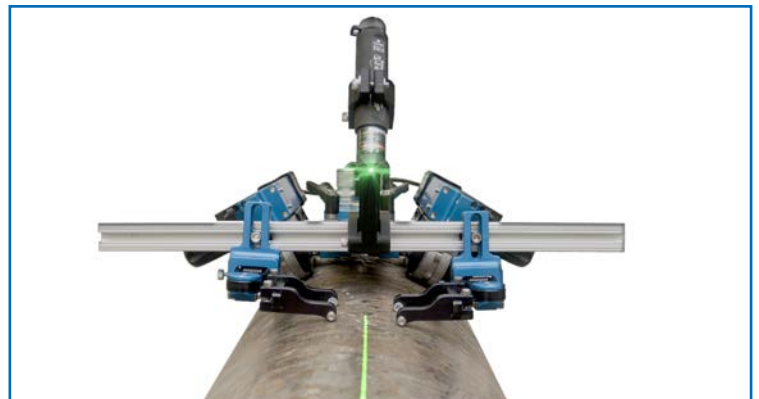
3-Axis version - Remote Corrosion Mapping



2-Axis version - Weld Exams/Line B-Scans



Modular Design



Axial Scanning - Laser Guided



Capabilities

- Fast - X: 6"/sec - Y: 30"/sec
- Modular - Change parts in seconds
- Lightweight - 17lbs
- Portable - Ships in 2 cases
- Practical - Circumferential O.D. Scans: 4"+
Axial O.D. Scans: 8"+
- Versatility - Axial I.D. pipe scans : 15"+ *
- Mobility - Zero turn within a 12" radius
- Power - VAC or battery pack
- Temp - Can be used at 300°F or higher**
- Compatible - Any UT system w/ encoder input

* Accessory purchase option

** Temperatures greater than 300°F require duty cycling



Includes

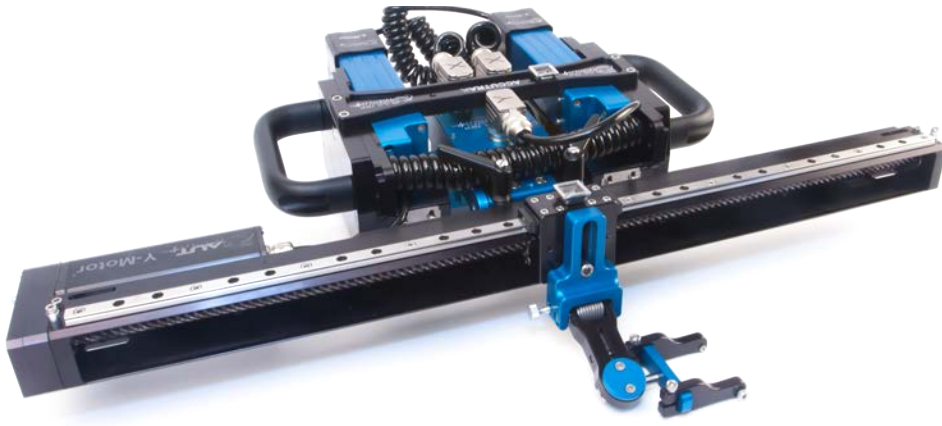
- 3-Axis motor controller
- 3rd axis 20" arm with motor joystick
- 100 ft. umbilical
- Probe gimble
- Power and communication cables
- Tools and spare parts
- All Windows OS compatible (32 or 64bit)
- Shipping cases (2)
- Users manual



Optional Accessories

- 12 or 36" arms
- Spare motor kit (X and Y)
- Rechargeable battery pack with charger
- 25 ft., 200 ft., or custom length umbilical's
- Multi-probe kit for TOFD/Phased Array
- Laser line - green (battery powered)
- Camera - 45ft, USB
- Truck extension for ID scanning of 14" pipe +

Specifications



Scanner Truck Dim/Wt.

Length: 13.5"
Width: 10.5"
Height: 4.25"
Weight: 17 lbs

Max Scanning Speeds

Wheel: 6"/sec.
Arm: 30"/sec.

Encoder Resolution Per Tick

X-axis (Wheel): 0.00002"
Y-axis(arm): 0.00015"

Motor Controller Dim/Wt.:

Length: 10"
Width: 8"
Height: 5.3"
Weight: 5.6 lbs.

Power Input

85 VAC to 265 VAC

Power Output

36vdc
6.7amps

