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GECKO

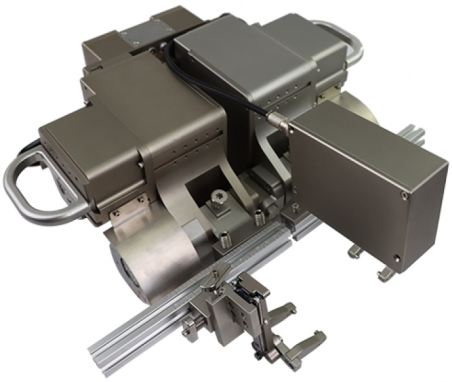
Automated Crawler Scanner

Specification

- Real-time acquisition of working environment images
- Displacement Reciprocating Accuracy Error <=+/1mm
  Speed accuracy erro< 5%
- When the wall thickness of bare metal magnetic workpiece in vertical direction is more than 20 mm, it can carry 20KG
- Circumferential motion applicable range 800mm-plane, axial motion applicable range 500mm-plane
- Measuring the Thickness of Workpiece (> 5mm)
- Crawler speed range 20mm/s-120mm/s
- Motion speed of power arm is 10 mm/s-130 mm/s
- Motion control mode:
  - Free Motion Model
  - Displacement motion mode
  - Two-axis scanning mode: raster scanning/sawtooth scanning

Features

- Phone WIFI + wired remote controller
- Laser tracking of welds
- Support all orientation movements, with cruise control
  Multi-probe clamp modes, welds compatible
- Base material & corrosion inspections



Application

- Weld Detection of Large Tank
- Flat plate weld detection
- Base Material Testing
- Corrosion detection
- Ultrasound Thickness Measurement