

# LPS-1000

## Magnetically Attached Scanner

The LPS-1000 is a rugged, versatile, magnetically attached, remotely operated low profile scanner designed to perform automated multi-axis ultrasonic scanning. Combine the LPS-1000 system with your ultrasonic system for automated data collection.

The unique scan arm (Y axis) provides a high degree of flexibility to accommodate scanning a wide variety of surface geometries over a 12 inch stroke.

The LPS-1000 is mated to the MCU-2000 motor control unit which provides closed loop servo motion control for flexible, accurate scanning. The system settings allow you to set complex scanning arrangements with ease.

The wheels of the LPS-1000 utilize Neodymium magnets providing maximum adhesion to the inspection surface.

### LPS-1000 Scanner

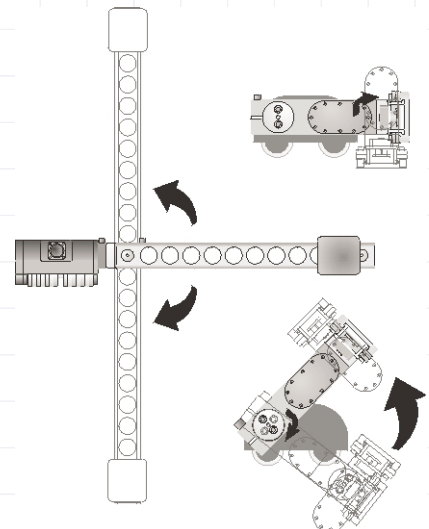
- Rugged, sealed scanner casing
- Advanced Y arm design provides high flexibility for scanning a variety of surface geometries.
- High efficiency DC servo motors
- Lowest profile magnetic scanner available
- 50 ft Control Cable
- Dimensions: (L,W,H) 21"x 4.5" x 2.6"
- Weight: 8 lbs

### MCU-2000 Control Unit

- Menu driven LCD
- Fully programmable raster motion controller to define virtually any scan pattern required
- Encoder line driver receiver
- Joystick
- Speed, forward and reverse control
- Emergency Stop button

### Other Options

- Extended Control cable lengths
- Custom bundled control cable
- Interface cable to encoder signals



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