The GPS-1000 is a rugged, versatile, magnetically attached, remotely operated scanner designed to perform automated multi-axis ultrasonic scanning. Combine the GPS-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. The scan length of the arm is available in lengths ranging from 12 to 48 inches.

The GPS-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 GPS-1000 utilize Neodymium magnets providing maximum adhesion to the surface. Self adjusting scrapers are mounted over each wheel to cope with excessive foreign material buildup.

**GPS-1000 Scanner**
- Rugged, sealed scanner casing
- Advanced Y arm design provides high flexibility for scanning a variety of surface geometries.
- Neodymium magnetic wheels
- High power DC Servo motors
- 50 ft Control Cable
- Dimensions: (L,W,H with 24" stroke ) 36" x 5.5" x 3.9"
- Weight: 18 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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