Services provided

Amrikart offers the following services:

- **Dimensional inspections** according to the highest quality requirements.
- **Precision alignments** for all types of industrial machines, assemblies or rolls.
- **3D scanning of parts** of all volumes.
- **3D scanning of factories** or machinery.
- **Reverse Engineering** and 3D Modeling (CAD).
- **Calibration and adjustment of industrial jigs**.
- **Consulting** in metrology and dimensional analysis (GD&T) adapted to your needs.
- **Customized training** on best practices in inspections, measuring instruments and metrology software.
- Guaranteed quality, Amrikart is **ISO9001: 2015** certified.

Advanced technology center

- **Amrikart** has 16,000 square feet (1600 m2) of working space allowing several types of tests involving the most recent, accurate and innovative measuring instruments:
  - **Shop-Floor Coordinate Measuring Machine (CMM)**
  - Portable CMM—Romer Absolute Arm with 3D Scanner
  - Leica Laser Tracker AT960 + Probe + 3D Scanner
  - Leica Laser Tracker AT901 + Probe + 3D Scanner
  - Leica Laser Tracker AT403

- **Amrikart** uses the following metrology software:
  - PolyWorks by *Innovmetric Software Inc.*
  - SpatialAnalyzer by *New River Kinematics (Hexagon Group)*

To contact us: +1 450-907-1862 / www.amrikart.com
Amrikart is a Preferred Distributor and Service Center for Hexagon Metrology’s 3D High Volume Products, including:

- Romer Absolute Arm with scanner
- Laser Trackers equipped with probes and 3D scanner
- CMM fixed
- White Light 3D Scanner
- Photogrammetry
- Inspection accessories

Amrikart also offers Nikon metrology products

IGPS system for positioning, tracking large-scale targets, and guiding long distance robots / AGVs

Laser Radar

In addition to the services mentioned, Amrikart includes 3 other complementary departments sharing strong metrological expertise:

- Integration & Automation: Amrikart develops and implements automated metrological systems for your high volume inspection and assembly projects. Amrikart is the world leader in iGPS integrated solutions. With Amrikart, 4.0 industry is at your fingertips!

- Specialized toolings: Amrikart designs and manufactures your tools and accessories of quality to allow the realization and the inspection of all your assemblies

- R & D: Amrikart remains at the forefront of technological advancement in metrology thanks to the continuous development of new inspection methods and the integration of latest generation instruments

To contact us: +1 450-907-1862 / www.amrikart.com