



MetraSCAN 3D-R

Features

- High productivity: Performs inspection up to hundreds of parts a day (even on complex surfaces)
- Multitasking: Optimizes production cycle and throughput by offering a simultaneous operation of data acquisition and analysis to get a continuous and uninterrupted measurement flow
- Automatic field calibration procedure: No accuracy drift over time and continuous operation
- Robust industrial design: Adapted for shop-floor conditions and environments

Truaccuracy(TM)

- Metrology-grade measurements: Accuracy of up to 0.030 mm (0.0012 in), resolution of up to 0.050 mm (0.0020 in), high repeatability and traceable certificate
- Volumetric accuracy: 0.064 mm (0.0025 in)
- Dynamic referencing: Optical reflectors are used to create a reference system that is “locked” to the part. The system enables the part to be moved and eliminates the impact of vibrations on the measurement process and results
- Part size range: Parts from 0.3 m to 10 m (0.7 ft to 33 ft)
- Automatic field calibration procedure: No accuracy drift over time

Trusimplicity(TM)

- Simple user interface: Designed to minimize operator interaction and help perform an automatic inspection
- Minimum operator training: Easy-to-use and short learning curve to keep up with fast production pace
- No human involvement needed: Can be operated by a simple touch of a button
- Multipurpose: Scans any type of material, even black, multicolored and shiny surfaces
- No rigid setup required: The part and the system can be moved freely at any time during the measurement
- Greater extendable measurement volume: 16.6 m³ (586 ft³)
- Automatic alignment: Optical reflectors enable repetitive inspection without realignment