Create and compare 3D models with the convenient all-in-one, self-positioning VicraSCAN handheld 3D laser scanner. Based on widely accepted and proven technology from the trusted leader in advanced optical metrology, NDI’s VicraSCAN offers professional results at a very attractive price.

Using unique self-positioning technology and small reference targets, setup is a snap since no other tracking device is required. Simply plug the lightweight, ergonomic scanner into an available USB port and scan directly into powerful 3rd party software packages without the need to save and import data first.

Truly portable, you can measure virtually anywhere with greater freedom and control using the VicraSCAN handheld 3D laser scanner.

- Low-cost
- Easy to use
- Scan anywhere with self-positioning technology and portable design
- Scan directly into industry leading 3rd party software packages

...adding a new dimension to laser scanning...
generate detailed 3D digital models by capturing surfaces and complex shapes.

Applications

- Use 3D data to rapid prototype, recreate, reproduce, restore and model parts
- Create 3D digital mock-ups and virtual environments for animation, advanced visualization, multimedia applications, and complex assembly instructions
- Capture and archive 3D models of fossils, artifacts, archaeological and historical items to produce full-sized or scaled reproductions
- Measure unique shapes to create custom fit parts, including restoration work and orthotic or prosthetic manufacturing

Specifications

VicraSCAN Specifications
- Dimensions (LxWxH): 190 mm x 70 mm x 300 mm
- Weight: 820 g

VicraSCAN Sensor Specifications
- Profile density: 486 points/line
- Update frequency: 30 Hz
- Scan rate: 14,580 points/second
- Accuracy: Up to 40 µm
- Stand-off: 150 mm
- Depth of field: 360 mm
- Near field width: 120 mm
- Far field width: 300 mm
- Safety: Class 2, 635 nm laser

All dimensions are in mm.
All specifications are approximate.