

Digitizer

Digitizing Probe

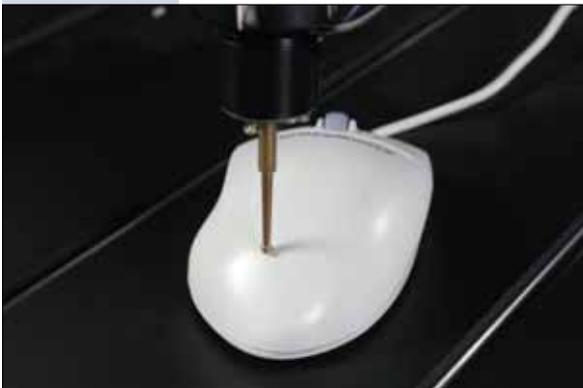
FEATURES

- Easily mounts on any Techno servo-controlled machine
- Digitizes complex 2-dimensional curved objects and 3-dimensional geometric objects
- Run software according to Axes' scan dimensions and step resolutions, program automatically collects data



SCANS 2- AND 3-DIMENSIONAL OBJECTS QUICKLY AND EASILY!

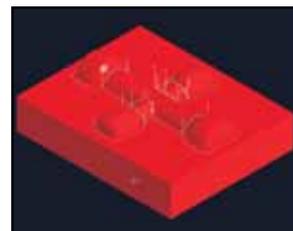
- Both 2- and 3-dimensional models are generated onto the screen via automatic toolpath points or a point cloud
- Generated object can be saved in ASCII file format, and then imported into most CAD/CAM programs ready for manipulation



Tech-Scan

New from Techno! By using the Techno Laser Scanner in conjunction with our CNC routers you can scan and reproduce detailed parts with ease and accuracy you won't believe.

Just place any finished part on the routing table and the Techno Laser Scanner, which is conveniently mounted to the Z-axis, traverses back and forth over it's surface. You can actually see the laser traveling over your part! The laser system creates a point cloud of your part's shape and contours. The file is then ready for importing into CAD/CAM software. From here, the data can be manipulated or a toolpath can be generated to duplicate the part.



The Techno Laser Scanner is a noncontact measuring sensor capable of scanning a variety of surfaces, including but not limited to: shiny reflective surfaces, and even coarse or steeply angled surfaces.

System Includes:

- Scanner
- Point Cloud Collection Software
- Mounting Accessories
- Scanner Protection Hood

AVAILABLE LENSES

Lens mm	Depth of Field mm	Absolute Lens Accuracy in.	Lens Repeatability μ m	Lateral Resolution in.
25	1.8	.0001	.4	.0009
50	8	.0002	1.0	.0018
75	18	.0004	2.0	.0025
100	35	.0006	4.0	.0029
125	45	.0008	8.0	.0039
150	70	.0014	15	.0047
250	180	.0019	15	.0039