



## CATPRO LASER MEASUREMENT CENTER

**MODEL** CATPRO 7000M L77

**INSPECTS FOR** GD and T-shape parameters

Edge chips

Side gouges

**FEATURES** Advanced camera and laser micrometer technology

CMM-level accuracy

Advanced reporting

Stand alone installation

Auto and Manual operational modes

CATPRO software and controls

2GB data storage

Optional expanded storage available

19" color LCD touchscreen monitor with USB port

Accepts parts within these dimension ranges:

minimum: 2 1/2"D x 2"L

maximum: 7"D x 7"L

Maximum 15-second inspection cycle time

Unmatched worldwide product support via AIM™

**1** Ergonomic easy access door puts part loading area within easy reach. Inspection cycle can automatically start by manually closing door.

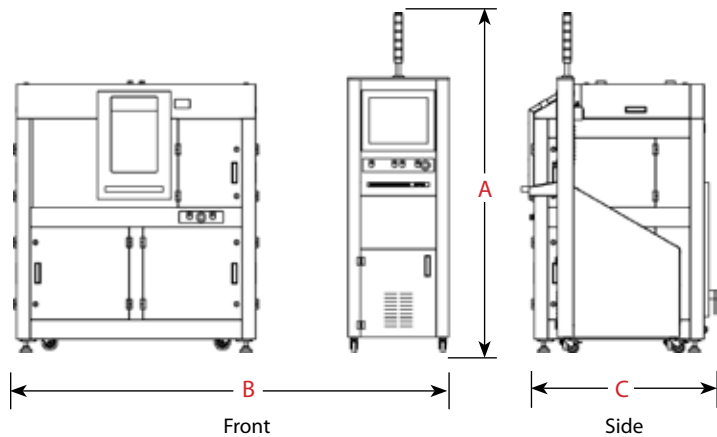
**2** Interior finish reduces ambient light and reflections for the most accurate inspection possible.

**3** The TagViewer™ display tool delivers performance and maintenance data to the user interface—increasing productivity and uptime, and lowering operating costs.

# CATPRO 7000M L77 Laser Measurement Center

The CATPRO 7000M L77 is an advanced, highly capable measurement center for validating the quality of catalytic substrate monolith products. By combining advanced 3D laser micrometer technology, CATPRO software and high quality automation hardware, the CATPRO 7000M L77 provides a complete package for stand alone, semi-automated part inspection. It is capable of performing CMM quality GD & T shape inspection, with complete surface coverage, at rates up to 240 parts per hour.

The value doesn't stop at inspection. With integrated SQL data base and customized reporting, data is available for immediate and future reference. By storing all data gathered on every part, the CATPRO 7000M L77 is a repository for part information and provides a convenient and effortless method for tracking parts and part quality.



## OPERATING DIMENSIONS

<b>A</b>	Max. operating height	88" (2.24 m)
<b>B</b>	Max. operating width	112" (2.85 m)
<b>C</b>	Max. operating depth	48" (1.22 m)



## AIM™ Service and Support

World class customer service and support is only a click away with New Gate Technologies' **AIM** (Asset Incident Management) web-based service and support application.

Sophisticated equipment requires serious after-sales support. AIM delivers real-time, highly visible asset management as well as service and support incident management 24/7/365. Online asset management starts with a list of all installed CATPRO equipment (assets). Each asset can be identified by serial number, description, location, configured features, in-service date, and much more. Incident management and resolution is greatly simplified with AIM. It maintains a permanent historical record of all incidents, resolutions and service records. **As a CATPRO owner you automatically have access to this world class service and support tool as part of your first year warranty.**

## CAPACITIES

Min. part size (round)	3 1/4"D x 3"L (83 mm x 76 mm)
Max. part size (round)	7"D x 7"L (102 mm x 305 mm)
Min. inspection cycle	< 15 seconds

## INSPECTION TYPE(S)

Profile measurement	3D laser
Edge chip detection	3D laser
Side gouge detection	3D laser

## ACCURACY

Profile measurement	50–100 microns
Chip detection	0.5 mm
Gouge detection	0.5 mm

## GENERAL

Power	3 phase 208V @ 20A
Weight	750 lb (340 kg)
Air	4 scfm @ 80 psi 113 lpm @ 5.5 bar