

# JESSE GARANT METROLOGY CENTER

Jesse Garant  
President

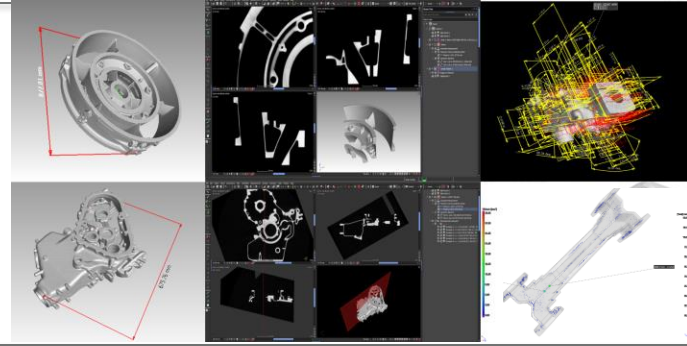
Jesse Garant Metrology Center is a specialized part inspection company focused on providing Industrial CT Scanning services. We are headquartered out of Windsor, Ontario with 2 facilities in Canada totaling 23000 square feet.



Advanced manufacturing at our facility relates to the **internal** inspection of parts and assemblies using computed tomography. This would be either for failure investigation, new product validation, and production inspection for high value – low volume parts.



We are looking to collaborate with manufacturers who require 3<sup>rd</sup> party assistance with their part inspection needs using Industrial CT Scanning.



PROJECT  
DURATION:  
N/A

STARTING  
MRL LEVEL:  
N/A

ENDING  
MRL LEVEL:  
N/A

Our proposal is to work with manufacturers using advanced manufacturing for:

- Additive Part Inspection - Samples to validate the print machine by identifying the consistency of parts printed at various locations within a print bed, test bars, and printed parts for ; porosity, wall thickness, variations from CAD, and dimensional requirements for first article inspection
- Part inspection using 3D Geometric Dimensioning & Tolerancing techniques and internal surface profiles
- Internal validation and dimensional inspection of difficult to measure parts
- Internal failure investigation or features not matching the design for parts & assemblies