OMS ProGraph

(Product ID: OMS-30g)

OMS ProGraph is a mesh generation and manipulation program specifically designed for use with Pressure-Sensitive Paint. ProGraph includes a GUI with interactive tools for creating and modifying a surface mesh that is then used for advanced processing of Pressure-Sensitive Paint data in the ProFiled program. ProGraph allows the user to read the mesh from a variety of CFD formats and extract the surface mesh of the model. This mesh may then be refined by converting the mesh from an unstructured format to a structured format, defining blocks, or adding node density. These operations may be performed on specific regions of the model. This allows the user to build a mesh that is customized for PSP processing in ProField ProGraph will output *.dat* and *.apt* meshes, the major difference being the structure of the grid. ProGraph is compatible with .stl files to create a mesh from. Structured meshes can be created and instruction is available in the ProGraph user manual in greater detail.

OMS ProGraph has an ECCN of EAR99.