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.