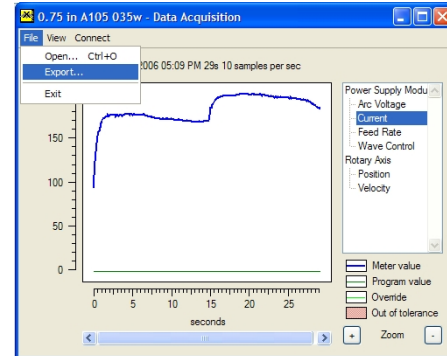
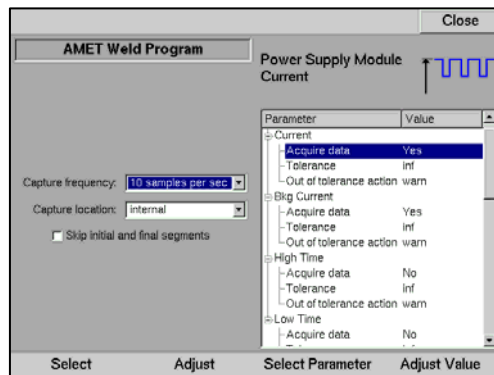


AMET XM Data Acquisition and Real Time Tolerance Checking



Data Acquisition

Data Acquisition – Specific to each weld program, data collection can be enabled for user-defined parameters. Data is collected and stored and available for graphing, or exporting in Microsoft Excel (.csv) format.

Tolerance

Tolerance Checking – Real Time Absolute Value (+/-) monitoring for parameter violation. If enabled, will generate an alarm or stop condition based on parameter variance from programmed value. Also logs out of tolerance condition to data files if data collection is enabled.

Data Acquisition Options	Description
Capture Frequency	Determines the sampling frequency data is acquired and saved to memory.
Capture Location	Determines where the acquired data is saved. Can be saved to Internal Flash Disk or external USB Memory Device.
Skip Initial and Final Segments	Check the box to skip data acquisition for the initial and final segments. (Up-slope and Down-slope)

Data Acquisition Parameters	Description
Acquire Data	Determines whether data is captured for that parameter.
Tolerance	Sets the minimum and maximum absolute values for the selected parameter that gives a plus-or-minus tolerance for the established setting.
Out of tolerance action	When the acquired data exceeds the tolerance level, this option tells the weld program to stop the module or warn the user.