

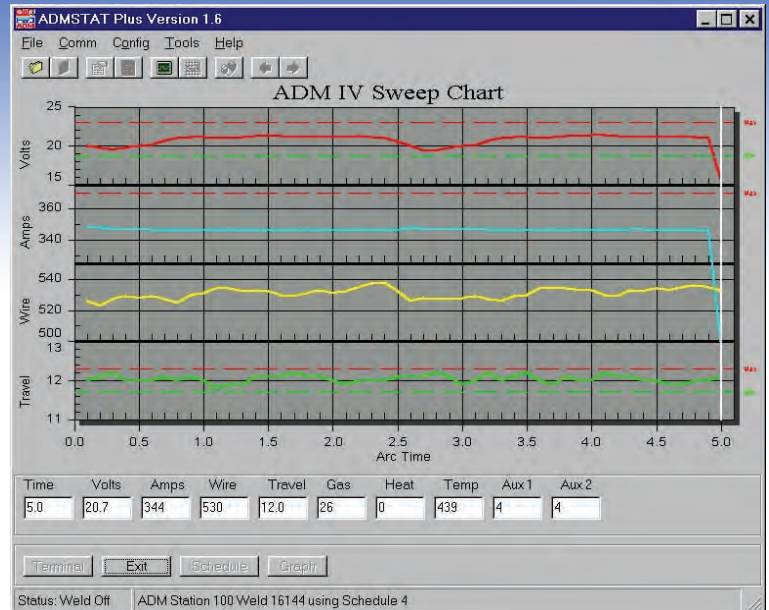


# Computer Weld Technology, Inc.

# ADMSTAT Plus™

## ARC DATA MONITOR STATISTICAL ANALYSIS PROGRAM

Computer Weld Technology's Windows® based ADMSTAT Plus™ program was designed and developed specifically for use with the ADM IV™ Arc Data Monitor. ADMSTAT Plus™ is compatible with Windows® 98/ME/2000/NT/XP operating systems. The real-time collection and display of the welding data is accomplished using the proprietary high-speed serial communication protocol with the ADM IV™. Single and multiple welds can be gathered, arranged and identified by weld schedule using the appropriate weld collect mode and by employing the graph functions, the user can view and analyze the stored welding data. Also provided is an ASCII terminal program used to configure or query the current status of a specific value, mode or function of the ADM IV™. The statistical function allows the user to calculate basic process control limits for a specific weld schedule based on the stored weld data, edit those calculated limits as required and download them to the ADM IV™. Other features included are a weld setup specification sheet used to record specific operational and process data for the current weld schedule, and the graph function which provides the capability to easily review and export the archived weld data. The Fault Data Display allows the user to display stored weld data which indicates the date, time, weld number, schedule and faulted data for each fault condition detected. Easily scroll through all fault summaries and display status for each enabled parameter. The summaries can be printed to provide a hard copy of the faulted welds.



Simultaneously Collect and Display Real-Time Sweep Graph of Weld Data

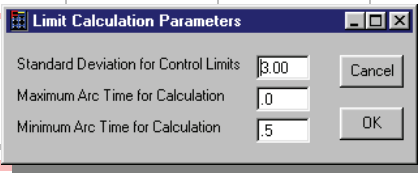
Weld Schedule Edit Windows

- ### FEATURES
- "Pull-down" menu screens
  - Tool Bar "Speed Buttons"
  - Control Bar "Command Buttons"
  - Real-time on screen sweep graphs displayed simultaneously for up to four user definable parameters
  - Graph "Zoom" capability during data collection or data review phase
  - Can be interfaced with customer supplied software
  - ASCII terminal program
  - Graphical and statistical analysis of stored weld data
  - Multiple weld schedule identification
  - Calculate, display, edit and store Arc Data Monitor limits
  - Specific user definable "Fault Messages"
  - ASCII data exporting capability

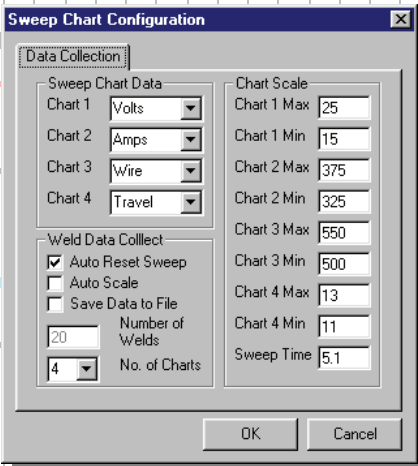
Time	Volt	Amp	Gas	Temp	Aux 1	Aux 2	Travel	Wire	Heat
0.8	20.3	345	26				12.1	525	

Fault No: 2    Date: 03/20/99    Time: 12:30:00    Sched: 4    Weld No: 22916

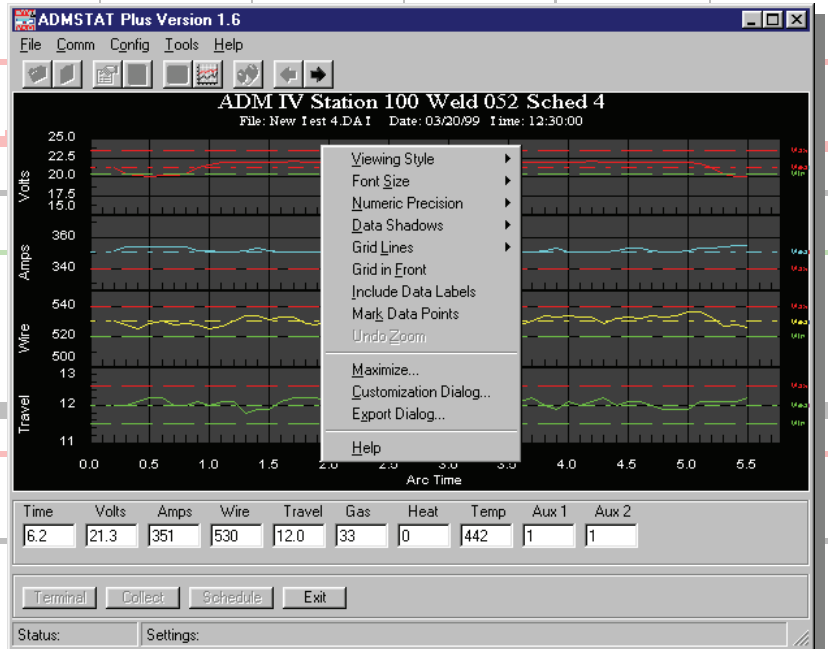
Fault Data Display



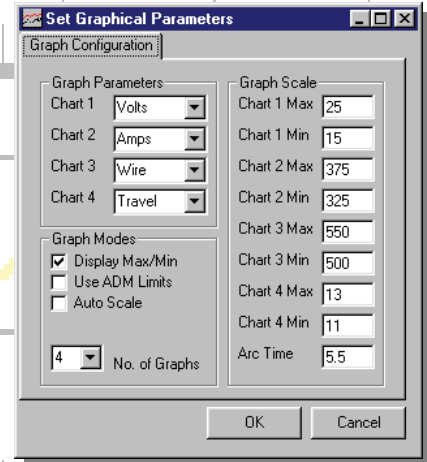
Specifies the standard deviation value that will be used to calculate the control limits from stored weld data files.



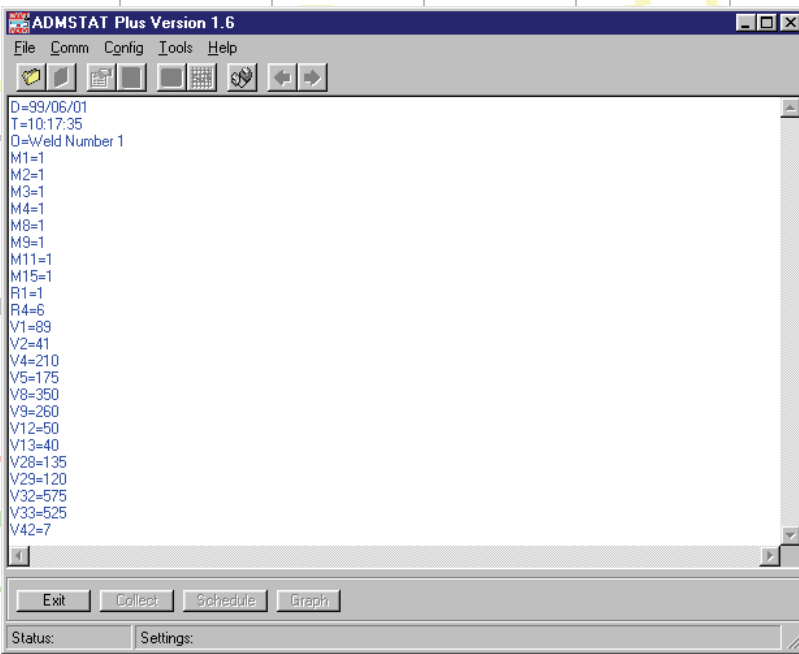
Real-Time Data Collection  
Sweep Chart Configuration



Stored Weld Data Displayed  
with Graphical Style Parameters Pop-up Menu



Stored Weld Data  
Graphical Parameters



ASCII Terminal Window for Off-line Programming

### SYSTEM REQUIREMENTS

- 150mhz Pentium™ or higher microprocessor
- Windows® 98/ME/2000/XP/7 (32-bit Only) or Windows NT® 4.0 or later platforms
- 24 MB minimum for Windows® 98/ME, 32 MB for Windows 2000/NT®
- 25 MB of available hard drive space
- Minimum SVGA graphics, XVGA recommended
- RS-232 serial port