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AMV 3500 Real Time Weld Analyser



Introducing our new AMV 3500 welding analyser.

Use the AMV 3500 for welding development: record and analyse the welding parameters. The AMV 3500 can monitor up to 6 channels of welding signals at 5,000 samples/second/channel.

Data is recorded and displayed and the system can calculate a range of statistical functions to measure weld quality and performance.

Record multi-pass average data (including heat input, arc energy, inter-pass temperature). Directly import this data into your procedure sheet, or save and access later for procedure development.

Configure two alarm levels so that welding failures can be immediately identified.

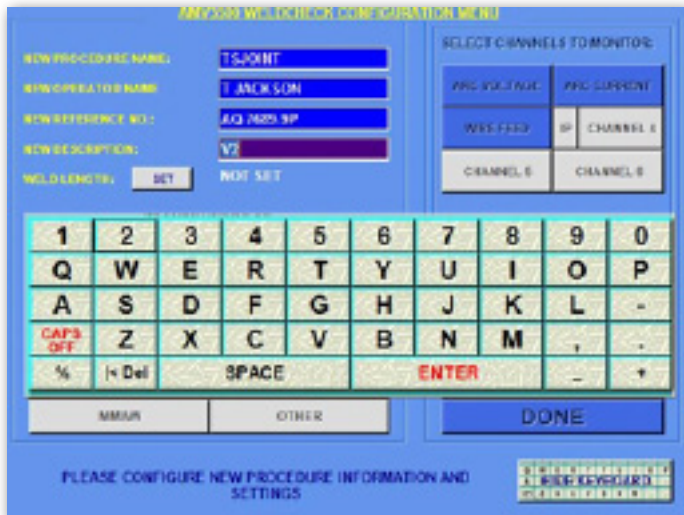
KEY FEATURES

- ✓ Light and portable with touch screen display
- ✓ Easy to configure for most weld types
- ✓ Fast data acquisition over 6 channels
- ✓ Measure up to 10 performance criteria e.g. arc current and heat input
- ✓ Record, pause and resume
- ✓ Save, export or print data
- ✓ Amber/red alarm feature
- ✓ Unbeatable price for state-of-the-art analysis

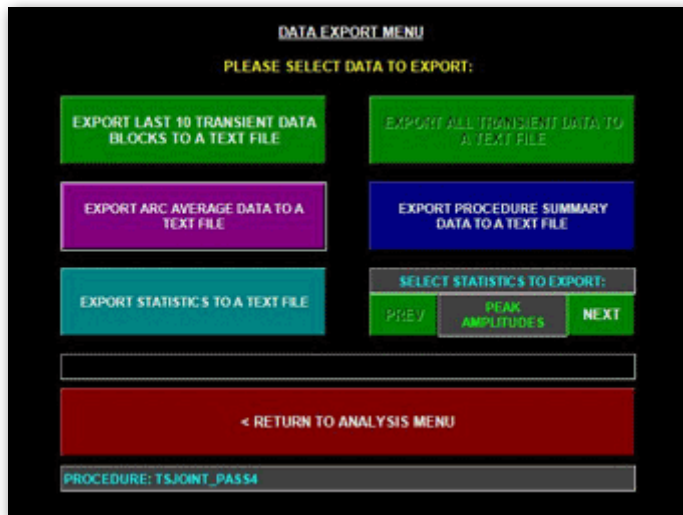
Choose AMV 3500 for:

Welding Procedure Development
 Single/multi-pass procedures
 Up to 6 channels
 Export to excel/procedure form
 Easy to configure for most welding processes

Solving Welding Process Problems
 Data review
 Data export options - solve problems quickly



Configuration Menu



Data Export Menu

Production Monitoring
 Continuous monitoring/recording
 Replay data mode
 Pulse parameters

Research Tool
 Digital display
 Statistical calculations
 Multiple data export options

Quality Assurance
 Red and amber alarms
 Settings per channel
 Quick replay of failure data

Performance Criteria

The AMV 3500 reports on all performance and quality requirements: arc voltage, arc current, wire feed speed, gas flow rate, temperature, travel speed, inter pass temperature, pulse parameters, arc energy and heat input.

The AMV 3500 acquires data at 5 khz per channel.

Channel Choice

The AMV 3500 comes with 6 channels as standard. Data can be recorded in each channel simultaneously. A specific channel is available for recording in interpass mode.

These channels are completely flexible, giving the user freedom to set up sensors for whatever is to be measured.



Results Summary

Channel Description	Input Range	Max. Sensor Input Voltage
Arc Voltage	-100V to +100V	±100V
Arc Current	-1000A to +1000A	±5V
Wire Feed Range	-25m/min to +25m/min	±10V
Temperature	0 to 300C	±10V
Channel 5	-10V to +10V	±10V
Channel 6	-10V to +10V	±10V



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