



PEGASUS-CS

ELECTROFUSION WELDER

Comes with heavy duty steel storage case



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Caldertech Pegasus EF Welder

Code: PEGASUS-CS

The Calder Pegasus has been designed to meet the needs of today's market place with barcode, manual and Fusamatic welding data entry with a 2000 welding joint recording capacity. The unit is constructed of ABS plastic incorporated within a rugged protection frame with integral cable storage facility. The display shows symbolic screens for each step allowing for ease of operation in any language. Comes with 15amp plug but can be changed to 10amp with customer approval.



Technical Specification	
Operational information.	
Input voltage [Vac]	195V – 270V
Input frequency [Hz]	40Hz – 60Hz
Input current [Max. A]	16A
Input power [VA]	230VA to 3450VA (apparent)
Output voltage [Vac RMS]	8V – 48V
Output current [Continuous. Aac RMS]	60A
Working temperature	min. -20°C, max. +50°C
Environmental protection	IP54
Protection class	2
Display	LCD16x2
Display colour	Green/Black
Control buttons	Start + Stop + Up + Down
On/Off switch	Yes
Data recording capacity	2000 maximum
Communications interface	USB Type A, CalderSafe/Blue Box
GPS location	Active with CalderSafe/Blue Box
Barcode welding mode	Active when scanner connected
Fusamatic welding mode	Active when Fusamatic lead attached
Manual welding	Yes
Mechanical information.	
Dimensions [HxWxL]	320x340x340mm
Weight [Kg]	23.0
Case material	ABS plastic
Mains input cable length	4m
Fusion output cable length	3m
Mains plug	Schuko 16A
Fusion output cable connectors	4.7mm female
Accessory information.	
Fusion output cable connector adaptors	4.7mm male to 4mm female
Software [supplied]	Caldersafe Software
USB memory stick [supplied]	Yes
Instruction manual	Yes
Carry case	Steel heavy duty with handles
Standards.	
EN 60335-1 & EN60335-2-45 [Safety of portable heating tools]	Yes
EN 60529:1991/A1:2000(IP54) [Environmental]	Yes
BS EN61558-1:2005 [Safety of power transformers]	Yes
BS EN 61000 [EMC]	Yes

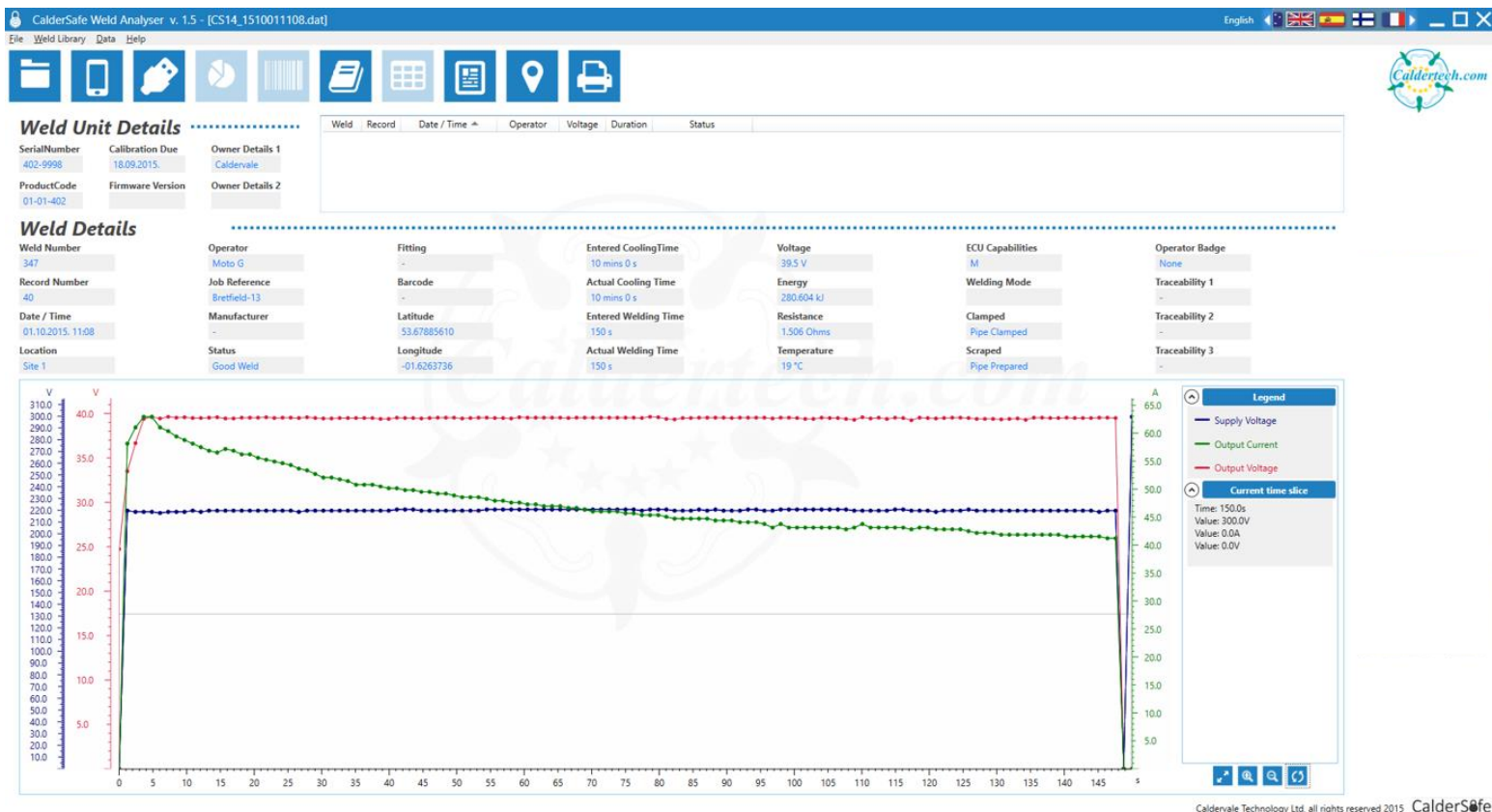
Data Recording & Calibration

Data Recording:

Up to 2000 welds are recorded and downloaded via USB. Welds details are set out as below and includes a graph with 124 point weld data plot of supply voltage, output voltage and current output.

Calderafe software is also installed on these welders. This is disabled as standard but can be enabled if required. This enables you to connect your phone via Bluetooth and take photos during the welding process and record the GPS location of where the weld was completed. This becomes part of the datalog which is then emailed back to you or the nominated email address.

Talk to our team if you would like more information on this.



Calibration:

The voltage and current output need to be regularly calibrated to ensure Electrofusion fittings are welded correctly. Calibration expires after 12 months and the welder should be returned to UPG Pipe Systems for calibration.

The calibration expiry date is noted on the label on the side of the box should be checked before operation.

Please call UPG for a copy of calibration certificates for UPG hire electrofusion welders.

Generator:

We recommend a recommend 6.5kVa Generator minimum.

