



## Calder Pegasus™ Plus EF Control Unit

The Calder Pegasus Plus Electrofusion Welder gives you functionality, reliability and affordability and is capable of welding all brands of fittings up to 1000mm. With automatic fitting recognition, barcode scanning and manual data entry, this welder is the latest addition to the Pegasus line.

The Calder Pegasus Plus is equipped with comprehensive data logging capabilities and when combined with CalderSafe Mobile, the unit will provide you with a complete quality assurance system.

### FEATURES

- Barcode scanning and manual time entry
- Fitting size range 20mm - 1000mm
- 4m output lead
- Data recording of 2,000 welds
- CalderSafe® Weld Data Analyser
- Alphanumeric display with backlight
- Dual terminals as standard

### Optional

- Automatic coupling recognition
- CalderSafe® Mobile Weld Analyser
- Terminal adaptors

# Calder Pegasus™ Plus EF Control Unit

## Electrofusion Welders

### Technical Specification

Coupling Size Range	20-1000mm Ø
Dimensions [HxWxL]	385 x 275 x 215mm
Case Material	ABS plastic
Mains Input Cable Length	4m
Fusion Output Cable Length	3m
Weight	22kg
Input Voltage	230V Build / 195-270Vac 110V Build / 95-150Vac
Input Frequency	50Hz (37-62Hz)
Input Power	48VA-3.8kVA @ Nominal 40V output
Efficiency	77% @ Nominal 40V output
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Stability	+/- 1.5% of Welding Voltage
Output Power	40W-3kW @ Nominal 40V output
Welding Time Span	3-4000 seconds
Operating temperature	-20°C-50°C
Environmental Protection	IP54 Class II
Data Download	USB flash memory
Languages	Multiple
Data Recording Capacity	2000 Records
<i>Each with 124 data point profile recording welding voltage and current plus supply voltage.</i>	



Code	Description
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01-01-460	110v Pegasus Plus, hard case
01-01-461	230v Pegasus Plus, hard case
01-01-295	CalderSafe® Weld Data Analyser