

PPuls Element

Controller for hotpresses and vulcanizers

Features at a glance:

- Easy handling and transportation through roughened industrial design and small handheld size
- User friendly operation with self-explanatory menu system (no expertise required)
- Storage and change of welding recipes within seconds
- Fully automated vulcanizing & cooling cycle
- Real time data logging & diagnostics functions

Result

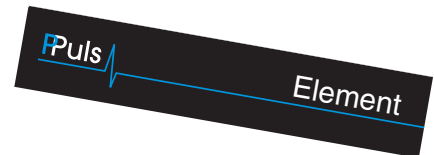
- Fully automated welding process guarantees highest welding quality and leads to an increase of your productivity.
- Your choice for small presses!



Functions of the PPuls Element Standard Version

Functions of the PPuls Element Standard Version:

- Vulcanizing and cooling cycle settings (set temperature platen 1 and platen 2, dwell time, end-cycle cool down temperature)
- PID-regulation for temperature control (overshoot less than 1°C)
- Memory storage for 200 different recipes
- Standard languages: German, English, Spanish
- Adjustable settings:
Type temperature probe, °C or °F, vulcanizing temperature settings in seconds or hours/minutes/seconds, password protection, acoustical warning set point, maximum temperature difference for heating platen, display temperature or power output,...



Additional functions of the PPuls Element Xpert Version (from Q1/2012):

- Real-time data logging of temperatures, times, recipes and other parameters provides fast troubleshooting for splices and the ability to certify the quality of the splice.
- Gradually heating-up in steps (up to 8 steps possible)
- Recipe databases can be created and downloaded to the controller via USB using the PPuls PC software.
- Diagnostics data in case of failures to speed-up troubleshooting on press (e.g. defect individual heating elements, wrong PID parameters,...)
- The corresponding PPuls Software for this functions is included with the Xpert version.



Available as OEM Version with your brand!

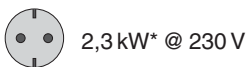
Made in Germany

Technical specification:

Operating voltage:	90V - 230V single phase
Output current per heating platen:	max. 5A
Output voltage:	max. 230V (depending on operating voltage)
Output current cooling pump:	max. 5A
Temperature probe:	RTD PT100, Thermocouple Typ K, J
Certification:	CE

Versions and scope of delivery

PPuls Controller, Version Element Standard EU



- Controller Standard incl. power plug (Schuko)
- Protective rubber holster
- Instruction manual

Description
PPuls Controller Element Standard EU

Order No.
FBEC1

PPuls Controller, Version Element Standard USA



- Controller Standard incl. power plug (NEMA L5-15)
- Protective rubber holster
- Instruction manual

Description
PPuls Controller Element Standard USA

Order No.
FBEC3

PPuls Controller, Version Element Xpert EU (from Q1/2012):

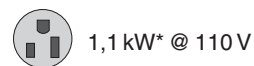


- Controller Xpert incl. power plug (Schuko)
- PC Software + USB Data cable
- Protective rubber holster
- Instruction manual

Description
PPuls Controller Element Xpert EU

Order No.
FBEC2

PPuls Controller, Version Element Xpert USA (from Q1/2012):



- Controller Xpert incl. power plug (NEMA L5-15)
- PC Software + USB Data cable
- Protective rubber holster
- Instruction manual

Description
PPuls Controller Element Xpert USA

Order No.
FBEC4

* Maximum total power for heating elements platen 1 and 2