



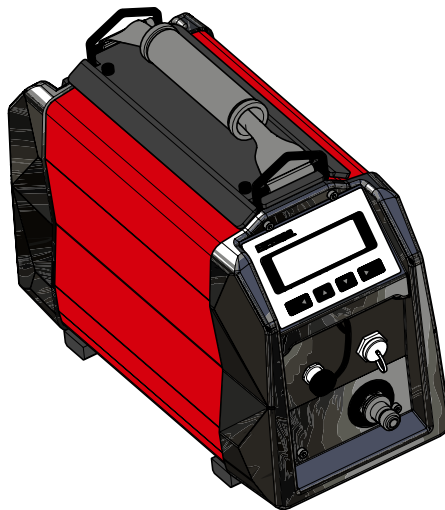
# ELPRESS®

## Technical description PS710

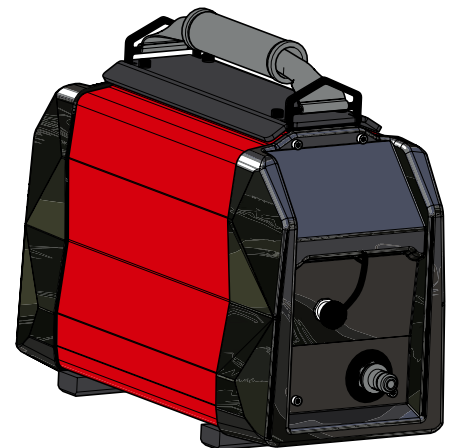
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**PS710D**



**PS710E**



**PS710R**



# ELPRESS®

## Technical description PS710

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### HYDRAULIC PUMP

|                          |   |
|--------------------------|---|
| Pressure range           | 0-700 bar, default setting for PS710E and PS710R is 630 bar.  |
| Oil flow at 20 bar       | 0.6 dm <sup>3</sup> /min. 1.0 dm <sup>3</sup> for PS710D.   |
| Oil volume               | 1 dm <sup>3</sup>   |
| Oil type                 | Hydrex MV22 or similar  |
| Dimensions               | 370x170x280 mm (lxwxh)  |
| Weight                   | 12,4 kg   |
| Battery (PS710E)         | Panasonic EY9L82B32, 28.8 V 3,0 Ah Li-ion.  |
| Battery charger (PS710E) | Panasonic quick charger EY0L81 10.8-28.8 V.<br>Charging time: 65 min.   |
| Mains power              | 85-276 V AC 50/60 Hz  |
| Ambient temperature      | -15° C - +40° C   |
| Protection               | IP54  |
| No of crimps/charging    | 120 pcs of Cu terminals 150mm <sup>2</sup>  |
| Sound level              | Max 73 db(A)  |
| Control handle           | Attendance button/Start function<br>Reset button/Stop function (red colored)  |
| Others                   | Elpress PS710 Analyzer software for crimp process control. USB connection to PC, cable included in software kit. CAN bus system with PS710D and CS2500. |
| CE requirements met      | Machine safety 2006/42/EU<br>Electro magnetic compatibility 2014/30/EU<br>Low voltage directive 2014/35/EU<br>ROHS 2011/65/EU<br>WEEE 2012/19/EU        |



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### DESCRIPTION OF FUNCTIONS

When the pump has been switched on, the stop button on the handle or the foot pedal has to be activated once before the pump is ready to be used. By pressing the start button the pump motor starts and oil flows into the crimp tool cylinder.

The pump continues to work until it reaches 630 bar, the system will automatically unload and tool will retract. A crimp cycle can be interrupted by releasing the start button and restarted again by pushing the start button. A crimp cycle can be ended by pushing the stop button at any time and the tools will retract. The stop button has functional priority to the start button.

In the electronic control system for PS710E and PS710D every crimp characteristic as well as the crimp Id No is recorded and saved. All the crimps can be analyzed afterwards or on-line in real time by using the Elpress Analyzer software.

Several error messages in the display can facilitate troubleshooting

|                    |                                       |
|--------------------|---------------------------------------|
| Stop button stuck  | Signal cable not connected or damaged |
| Battery low        | Charge or change battery              |
| Motor temp high    | Improve air ventilation around pump   |
| Log memory full    | Use "Clear logs" in main menu         |
| High motor current | Contact Elpress                       |
| Time for service   | Time for preventive maintenance       |

PS710R is made without electronic control system but have the same functions regarding start/stop buttons.

Turn the power on the pump and just press the start button to get the pump working.

### ACCESSORIES

Hydraulic hose, with or without spiral cable 2.5m or 5m, ERGO or ERGOCOM

PS710EBP battery

PS710EBC charger (For Eu and China + USA)

PS710FCU foot control unit

PS710 Analyzer software

Strap

Mains cable (For EU, China, USA)