

## Lightweight and versatile designed pumps based on customer needs



### PS710

The PS710 is an electrically driven pump for crimping with advanced control and monitoring of crimping progress. A flexible system for a wide range of applications with high performance and reliability for professional use. The pump is suitable for cabling manufacturers as well as for fitters working in the field. The PS710 can be used for all types of crimping or cutting. The PS710 has a power source for all types of crimping.

#### Technical data:

- possibility to use different pressure ranges, 0 - 700 Bar
- can be used with a PC on a computer network with a printer, does not apply to the PS710R
- oil flow at 20 bar: 0.6 litre/min (PS710D 1.2 litre/min)
- oil volume: 1.0 litre
- oil type: HYDREX MV 22 or similar
- crimps/battery charge: 120 crimps with Cu 150 mm<sup>2</sup>
- ambient temperature: -22 to 55°C
- protection: IP54
- mains operation 85-276VAC 50-60Hz
- Li-ion battery 28,8V, 3,0 Ah
- meet CE requirements: Safety of machinery 2006/42/EC, Electromagnetic compatibility 2014/30/EU, Low Voltage Directive 2014/35/EU, ROHS 2014/35/EU, WEEE 2012/19/EU
- weight approx. 12,4 kg
- compact dimensions 370 x 170 x 280 mm

The pump consists of three basic versions, each with customisation options.



### PS710D

- For cabling manufacturers. used with crimping station CS2500

#### Properties:

- unique electronic control system together with special PC software
- analysis and process monitoring/control, SPC, for tracking each crimp
- LCD Display with keypad for full status information of pump to the fitter
- communication with PC in real time provides instant quality control
- integrated communication via CAN with Elpress CS2500
- high flow hydraulic pump for fastest possible crimping
- can be used with PC on a computer network with printer



Pump PS710D

| Name   | Net weight (kg) | Length mm | Width | Height |
|--------|-----------------|-----------|-------|--------|
| PS710D | 12,4            | 370       | 170   | 280    |



## PS710E

For fitters working in the distribution network or industry.

### Properties:

- small and light weight, which makes the product easy to use in every situation
- maximum performance, can be used both with Li-ion battery 28.8 V or 220V mains power
- LCD Display with keypad for full status information of pump to the fitter
- able to store and document crimps in the control system
- PC communication via USB
- to be used with crimp heads and cable cutters
- Elpress ergonomic handle ERGOCOM, with wireless communication can be selected for
- charger 230 VAC 50 Hz, 10.8-28.8 V, charging time 65 min



Pump PS710E

| Name   | Net weight (kg) | Length mm | Width | Height |
|--------|-----------------|-----------|-------|--------|
| PS710E | 12              | 370       | 170   | 280    |



## PS710E251 and PS710E501\*

### Contains:

- pump E-version
- cable
- hydraulic hose 2.4 m or 5.0 m with wireless communication ERGOCOM
- battery
- charger
- carrying strap
- 110-240VAC 50-60Hz



| Name         | Gross weight (kg) | Length mm | Width | Height | Note   |
|--------------|-------------------|-----------|-------|--------|--|
| PS710E251    | 24,5              | 370       | 170   | 280    | PS710E pump with carrying strap. Ergocom hose 2.4 m and power cord EU, battery and charger |
| PS710E501    | 26,0              | 370       | 170   | 280    | PS710E pump with carrying strap. Ergocom hose 5.0 m and power cord EU, battery and charger |
| PS710E501-US | 26,0              | 370       | 170   | 280    | PS710E pump with carrying strap. Ergo hose 5.0 m and power cord US, battery and charger    |
| PS710E251-US | 24,5              | 370       | 170   | 280    | PS710E pump with carrying strap. Ergo hose 2.4 m and power cord US, battery and charger    |

ERGOCOM hoses are not available in US/North American market.

90



## PS710R

For users looking for a reliable standard product (without the need for documented traceability).

### Properties:

- pump control without electronic control system, relay controlled
- easily equipped without data communication
- without battery
- to be used with crimp heads and cable cutters
- Elpress ergonomic handle ERGO, with wired communication can be selected for
- 110-240VAC 50-60Hz



Pump PS710R

| Name   | Net weight (kg) | Length mm | Width | Height |
|--------|-----------------|-----------|-------|--------|
| PS710R | 12              | 370       | 170   | 280    |



## PS710R250 and PS710R500\*

### Contains:

- pump R version
- cable
- hydraulic hose 2.4 or 5.0 m with wired communication ERGO
- carrying strap



| Name         | Gross weight (kg) | Length mm | Width | Height | Note   |
|--------------|-------------------|-----------|-------|--------|--|
| PS710R250    | 23,0              | 370       | 170   | 280    | PS710R pump with carrying strap. Ergo hose 2.4 m and power cord EU |
| PS710R500    | 24,5              | 370       | 170   | 280    | PS710R pump with carrying strap. Ergo hose 5.0 m and power cord EU |
| PS710R250-US | 23,0              | 370       | 170   | 280    | PS710R pump with carrying strap. Ergo hose 2.4 m and power cord US |
| PS710R500-US | 24,5              | 370       | 170   | 280    | PS710R pump with carrying strap. Ergo hose 5.0 m and power cord US |

## Accessories for PS710x

Operating handle for operation of pump PS710. Ergonomically designed handle that reduces the load on the operator at the workstation. ERGOCOM is controlled via Bluetooth and ERGO is wired. Available in different designs depending on the length of the hydraulic hose.



| Name                           | Pcs/<br>pack | Note   |
|--------------------------------|--------------|--|
| HYD.SLANG KPL. 2,4M ERG PS710E | 1            | Hydraulic hose (2.4 m) for PS710E, with ERGO handle                |
| HYD.SLANG KPL. 5M ERGO PS710E  | 1            | Hydraulic hose (5 m) for PS710E, with ERGO handle                  |
| HYD.SLANG KPL.2,4M ERGO PS710R | 1            | Hydraulic hose (2.4 m) for PS710R, with ERGO handle                |
| HYD.SLANG KPL. 5M ERGO PS710R  | 1            | Hydraulic hose (5 m) for PS710R, with ERGO handle                  |
| HYD.SLANG KPL. 2,4M ERGOCOM    | 1            | Hydraulic hose (2.4 m) for PS710R, with ERGOCOM handle (bluetooth) |
| HYD.SLANG KPL. 5M ERGOCOM      | 1            | Hydraulic hose (5 m) for PS710R, with ERGOCOM handle (bluetooth)   |
| FCU-PS710R                     | 1            | Foot pedal for PS710R  |
| FCU-PS710D&E                   | 1            | Foot pedal for PS710D and PS710E                                   |
| BÄRREM PS710                   | 1            | Carrying strap for all PS710 versions                              |

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