



# Hydraulic foot pump

*This pump operates all Elpress crimp heads.*

## P4000

Elpress hydraulic footpump.

P4000



### Particulars:

- unique design in high tensile aluminium alloy
- low weight, 8.6 kg, incl. 2.2 m hose
- standard setting 630 bar (max setting to 700 bar)
- safety valve for relief at all pressures
- a pressure gauge can be attached to indicate working pressure
- ergonomic design
- high finish anodised surface - easy to keep clean
- high efficiency two-step oil flow
- simple foot operated off-loading (piston return) after automatic stop at full pressure
- robust and stable to work with
- practical storage position for hose



## Battery and mains powered pump

The pump operates all Elpress crimp heads.

### PS700

PS700



Battery and mains powered pump for crimping with advanced control and supervision of the crimp procedure.

A flexible system for almost all crimp applications where high performance and reliability is required. The robust design in aluminium, combined with a high total efficiency, allows intensive use in most cases and environments.

When battery powered, the upper unit is lifted off the lower mains drive unit for full flexibility.

#### Particulars:

- 24 V NiMH battery or 230 V mains power supply (110V optional)
- high efficiency = many crimps per charge
- close to continuous work when mains powered
- working pressures up to 700 bar / 70MPa / 10 000 PSI
- LCD display for versatile control and follow-up
- PC port for transferring data to PC computer where advanced analysis can be made
- hydraulic pressure work range 0-630 (700) bar
- hydraulic flow 0.6 dm<sup>3</sup>/min
- oil volume 1.0 dm<sup>3</sup>
- measures: pump unit, w x d x h = 390 x 225 x 225 mm
- mains unit, w x d x h = 495 x 300 x 660 (980) mm
- weight pump unit 12.3 kg (incl. battery, excl. hose)
- weight mains unit with carriage 8.6 kg
- battery fast charger 7.2-24V, charge time 45 min
- mains unit: in 230VAC, out 24-28VDC 30A; overvoltage and overcurrent protected
- control system: Elpress Advanced Crimp Analyzer incl. display and control switches. Port for PC-connection
- environment temperatures -15 °C to + 40 °C; battery to be kept >5 °C for best power
- typical number of crimps per charge (50 % ED): 115 Cu-terminals 150 mm<sup>2</sup> flexible, 180 Cu-terminals 50 mm<sup>2</sup> flexible (depending on temperature)
- protection class IP 54
- CE-approved; Machine Safety 98/37/CE, LVD 72/23/EEC