



## Pressurisation units with LED display

# ESPRES



### Features

- Set point and differential can be adjusted with an accuracy of 0.1 bar. (user set)
- High Pressure and Low Pressure alarms can be set with an accuracy of 0.1 bar. Alarm relay and onboard buzzer. Auto rest. (user set)
- Dry run protection with auto reset (Low level switch)
- Flood protection – maximum pump run timer can be set in increments of 10 minutes up to 990 minutes and 0 to disable function. Alarm relay and onboard buzzer. Manual reset (user set)
- Single or dual pump, configurable in the parameters
- Auto changeover on dual pump setting
- Pump current monitoring. If a fault (excess current) is detected it will isolate the pump and sound alarm. On dual pump versions it will automatically activate the second pump until the process is complete
- Continuous pressure displayed on screen
- Hours run of each pump
- Log of number of alarms
- Alarm messages displayed on screen
- Internal buzzer with mute and reset
- Activation delay to stop false starts
- Common alarm volt-free or powered output. Switchable between N/O or N/C
- 8 amp relays for pumps and alarm
- RS485 output for communication to BMS or with external modules which will enable communication via LON protocols, etc. (modules optional extra)
- 3 digit high visibility LED display
- Simple cassette-style case with screw terminals at rear
- IP68 fascia
- Intelligent overrun on pump to prevent repetitive starts and guarantee set point is achieved
- 60-day pulse of pump to prevent seizing and flush pump
- Switched input for bag rupture device
- Keypad lock function to prevent tampering
- Safe low voltage user interface
- CE and EMC approved
- Proven reliable technology

### Dimensions

Model	Length	Width	Height
ESPRES 1000	600	550	770
ESPRES 2000	468	300	770

Model	Voltage	FLC each pump	Kw	Outlet	CPF max	Price
ESPRES 1000	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,027
ESPRES 2000	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,160
ESPRES 1000.60	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,365
ESPRES 1000.100	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,405
ESPRES 1000.150	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,460
ESPRES 1000.200	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,498
ESPRES 1000.300	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,817
ESPRES 1000.H	230v 1ph/50Hz	3.8 Amps	1.00	15mm	5.0 Bar	1,200
ESPRES 2000.60	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,496
ESPRES 2000.100	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,538
ESPRES 2000.150	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,593
ESPRES 2000.200	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,632
ESPRES 2000.300	230v 1ph/50Hz	2.1 Amps	0.37	15mm	3.5 Bar	1,951
ESPRES 2000.H	230v 1ph/50Hz	3.8 Amps	1.00	15mm	5.0 Bar	1,307

H = for sets with higher cold fill pressure of 5.0 Bar. Vessels are supplied separately.