



The BIA-iPRESS is a device used to control electric 240V pumps of 2.2kW or less.

The iPRESS is the first electric pump controller with a fully adjustable cut in (start) pressure of between 0.5-6.0 bar and a cut out (stop) pressure of between 0.8-9.8 bar. The iPRESS has the ability to operate as either a standard auto restart pressure controller (start pressure to be set) or an automatic restart loss of prime pressure switch (start and stop pressure to be set).

**Auto Restart Function**

When the pump loses prime it will stop working after 20 seconds then restart after 10 seconds and runs for 40 seconds and then stops. Then after 10 seconds runs for another 40 seconds after which if no water is available the pump will turn off for 24 hours repeating the process every 24 hours until water is available.

**Construction Characteristics**

- Real time indication of system pressure displayed on LED display
- Automatic restart
- German approved food grade materials
- Housing PA66 reinforced Nylon

**Applications:**

Suitable for supplying water to domestic households. Also suitable for small scale garden irrigation.

**Package Information**

1.5kg  
L 210mm x H 190mm x W 180mm

Construction Characteristics:	Electrical data:
Inlet: 1" BSP male	Voltage: 220V (-6%) / 240V- (+6%)
Outlet: 1" BSP male	Maximum current: 20(16) Amps
Non-return valve	Maximum kW: 2.2
No flow/loss of prime protection	Frequency: 50Hz
Manual start switch (RESET)	Ingress protection: IP65
Voltage LED (GREEN power on light)	Maximum water temperature: 60 deg C.
Mode 1, mode 2, LED (RED pump run light)	Starting pressure: 0.5 - 6.0 bar
No flow LED (ORANGE status light)	Maximum working pressure: 0.8 - 9.8 bar.
1.5 metre lead and 3 pin Australian/New Zealand plug	Minimum flow: 0.5 l/m
0.6 metre pump power lead, plug and play	
Adjustable cut in (start) pressure	

	Pressure Switch (BIA-SK6)	Automatic restart controller (WHI-SK10PPHS2)	iPRESS
Both cut in and cut out pressure can be set by the operator	✓	X	✓
A pressure tank in your system is optional	X	✓	✓
A non return valve in your system is optional	X	✓	✓
The unit automatically restarts if the power is restored (e.g. after a blackout)	✓	✓	✓
The unit automatically restarts when the water supply is restored	X	✓	✓
The unit has run-dry protection	X	✓	✓
The unit has built in protection for the motor from starting and stopping too frequently	X	X	✓
The unit comes standard with plug and play leads for ease of installation	X	✓	✓
The unit indicates when it is in run dry status	X	✓	✓
The unit gives the operator the option for adjusting both the cut in and cut out pressures like a typical pressure switch, or just the cut in pressure	X	X	✓

