

## **Technical Specification i150**

### **Compatible Pump Heads:**

C1(A1)R3 single channel pump head with three rollers

Flow Rate: 0.006 to 366 ml/min

B2 R10 two channel pump head with 10 rollers

Flow Rate: 0.004 to 32 ml/min

B4 R6 four channel pump head with six rollers

Flow Rate: 0.005 to 24 ml/min

(For use at reduced maximum speed of 50 rpm speed)

### **Specifications**

Speed:	0.1 to 100 rpm
Speed Precision:	0.1 rpm
Speed Adjustment:	Membrane keypad continuously adjustable
Display Mode:	3 digit LED displays current running rpm
Acceptable Voltage Input:	90 to 260 VAC, 50/60 Hz
Power Consumption:	Less than 30 Watts
Operating Conditions:	Temperature 0 to 40 °C
Relative Humidity:	Less than 80%
Dimensions (Drive only):	L x W x H 232 x 142 x 149 mm
Weight (Drive only):	2.3 kgs
IP Rating:	IP31

### **Functions**

Speed Control:	The speed can be adjusted manually or automatically through the external control interface, or with the iPumps software
Prime:	For fast filling and emptying
Direction Control:	CW and CCW Reversible
Display:	Current RPM Direction Running Status External Control
External Controls:	Start/Stop CW/CCW Speed Analogue input 0-5V, 0-10V, 4-20mA or 0-10KHz
Communication Function:	RS485 and USB optional
Memory Function:	Running parameters stored automatically (the running status must stay for at least 5 seconds)