"Control Freak" Touch-screen Controller

"流量控制王" 带触摸屏的控制器

自动按设定值计算泵的转速，来精确控制流量或压力。

Provides optimum motor speed control based on your desired flow and pressure ratings.

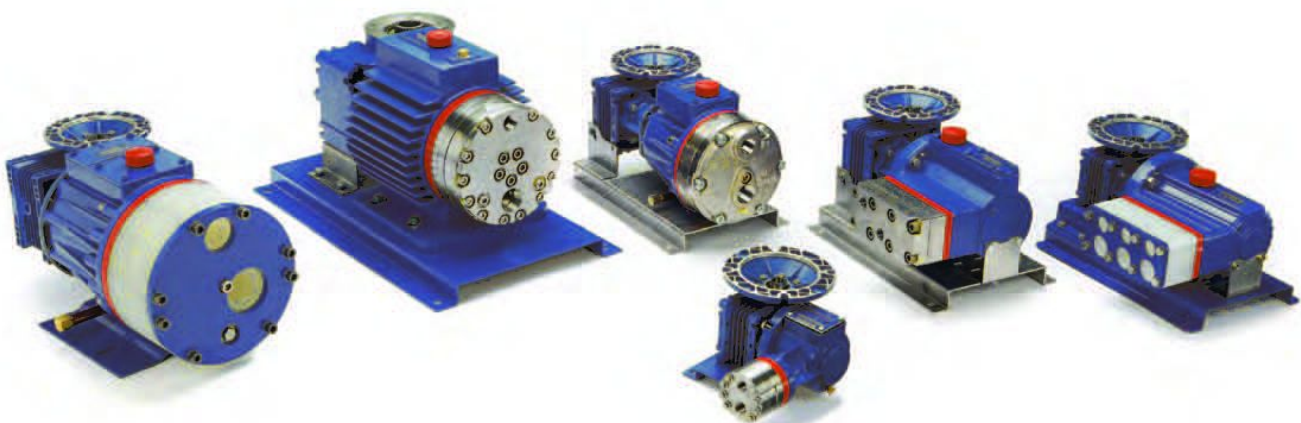基于高精度电子控制器的创新型"流量控制王"，用一个简单易用的触摸屏，为Ampump连续流量精密计量泵组，解决了电机速度控制问题。

The exclusive new ″Control Freak″ electronic controller provides motor speed control for Ampump Metering Solutions pumps (or Ampump bare shaft pumps)with an easy-to-use touch-screen display.

输入额定的转速、流量（升、加仑）、或需要的系统压力（psi/bar），控制器就可使泵上按照设定的转速、流量（总流量/时间）或者预设批次流量自动运行。

You can enter the desired folw rate or volume in gallons or liters and system pressure in psi or bar,and the controller automatically runs the pump manually at the desired flow rate,or volume total/time,or in pre-set batches.

多功能电子控制器可对实时流量或批次流量进行编程。

versatile electronic controller allows programming for flow rate or totalization.

The"Control Freak" electronic controller is designed exclusively for Ampump Metering solutions pumps.

"控制王"电子控制器是专为Ampump计量泵设计的。

"Control Freak" Touch-screen Controller for Metering

"控制王"计量触摸屏控制器

- Features 1/2-hp Variable Frequency Drive (VFD)-larger horsepower drives optionally available

  0.37kw以上功率范围(VFD)变频驱动。

- Pre-set(with password protection) for Ampump pump performance algorithms-can also be field-calibrated greater accuracy

  针对Ampump连续流量计量泵性能设计的算法功能，可精确现场校验调整。(可设置密码保护)

- 7″ color graphic touch-screen user interface in a NEMA-4X enclosure (other enclosures available as option)-easy to operate and visible in low-light areas

  带NEMA-4X外壳(其他附件可用选项)的7英寸彩色触摸屏，用户界面简单友好，易于操作。

- Safety features for emergency stop, loss of power, fault monitoring, and optional pump oil temperature probe

  紧急停止、失电、故障监控,和可选油温探测器多功能特性。

- Pump-drive information screen

  泵驱动信息可在屏幕显示。

- Four configurable on-off relays

  配置四个开关继电器以便功能扩展。

- The separate batch set-up screens

  单独的批处理流量设置界面。

- Tow user-configurable analog input displays

  两个模拟量输入端口。

- Analog and digital I/O for interfacing with external devices

  连接外部设备模拟和数字I／O接口。

- Includes real-time clock

  带实时时钟。

- Option available to control multiple pumps with one Ampump″Control Freak″

  用一个Ampump "控制王" 可选择控制多个泵。

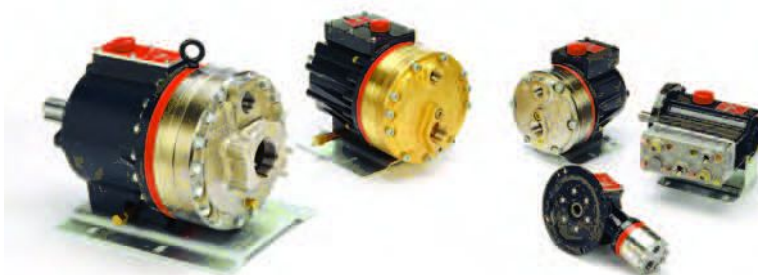- Versatile-enables programming for flow rate or totalization

  可以设定实时流量或总流量。

Opening screen-touch to activata.
启动显示器

Start-up menu options.
启动菜单选项

Sample menu for batch operation.
批处理菜单示例

″Control Freak″ can also be used for controlling motor speed with Ampump bare shaft pumps used for metering.