

同轴伺服系统具有更高的可靠性 Coaxial servo system has higher reliability

- ◆ 电机油泵轴使用注塑机哥林柱材料 42CrMo，强度是最大扭矩的4倍
- ◆ 电机油泵轴采用一体式精密加工，保证同心度、平行度和垂直度
- ◆ The motor oil pump shaft is made of 42CrMo, which is made of plastic injection molding machine, and its strength is 4 times the maximum torque.
- ◆ Motor and oil pump shaft adopt integrated precision machining to ensure concentricity, parallelism and perpendicularity.



油泵花键表面高硬度
High hardness of pump spline surface

破坏扭矩大于电机最大扭矩4倍
The damage torque is 4 times of the motor maximum torque

整支轴心一体
Whole piece shaft concentricity keep same

压力传感器/Pressure sensor



美国NVK压力传感器是基于放置在不锈钢膜片上的薄膜敏感元件技术，采用最新瑞士Metallux芯片和紧凑不锈钢构造，使传感器非常坚固和可靠，适用于高压冲击、震动、高低温的恶劣液体条件中，如注塑机、压铸机、油压机等。

The American NVK pressure sensor is based on the thin-film sensor technology placed on the stainless steel diaphragm. It adopts the latest Swiss Metallux chip and compact stainless steel structure, making the sensor very sturdy and reliable, suitable for harsh liquid conditions with high shock, vibration, pressure and temperature shock fluid, such as injection molding machine, die-casting machine, hydraulic press, etc.

规格说明 Specifications

压力量程/Pressure range: 0-400bar
测量精度/Measurement accuracy: $\pm 0.25\%$
输出信号/Output signal: 0-10Vdc
供电电源/Power supply: 12-33Vdc
安装接口/Installation interface: G1/4
连接引脚/Connection pins: 1+, 2-, 3signal

科霸电脑/KEBA Computer

可扩展的KePlast 产品范围 The scalable KePlast product range

无论简单的液压注塑机还是复杂的多组件设备（带有深加工机械手），KePlast控制系统都能应对。

From simple hydraulic injection molding machines to complex multi-component systems with process-integrated robotics - KePlast control systems cover the entire range of applications.

i1000、i2000和i8000系列控制系统因精准性高、生产率高而出类拔萃，并且节能。整套软件和可扩展的硬件 - 无论在控制性能还是操作方面都具有最大的灵活性。在可视化方面也使用相同元素，在整个范围内确保统一的可视化操作。

The control systems of the i1000, i2000 and i8000 series stand out thanks to their precision and high productivity and ensure savings in energy consumption. The common software platform and the scalable hardware - both in control performance and in the operating unit - provide maximum flexibility. Identical elements are also used for visualization in order to ensure uniform visual operation over the entire range.



KePlast i2000

i2000系列硬件由一个性能等级可调的高性能单板控制器组成。I/O模块或电子驱动装置通过集成的高速实时EtherCAT总线联结。

The hardware of the i2000 series consists of a high-performance single-board computer with scalable performance level. I/O modules or electric drives are connected via the integrated high-speed real-time EtherCAT bus.

- 用于液压、混合和全电动注塑机
- 基于Intel Atom处理器上的模块化硬件
- 高性能的EtherCAT界面
- 12英寸SVGA至15英寸XGA TFT显示屏，纵向和横向规格
- 触摸屏操作
- 无缝集成KEBA驱动技术包括全电动注塑机应用包
- 全面的质量数据包

- For hydraulic, hybrid and all-electric injection molding machines
- Modular hardware based on Intel Atom
- High-performance EtherCAT interface
- 12" SVGA to 15" XGA TFT displays in portrait and landscape format
- Operation via touchscreen
- Seamless integration of the KEBA drive technology incl. application package for all-electric injection molding machines
- Comprehensive quality data package



KePlast i1000

KePlast控制系统i1000源于强大的稳定的控制核心，保证了生产中的稳定与高效。

Owing to its powerful computer core, the KePlast control system i1000 is real-time-capable, thereby enabling a continuously controlled quality of production.

- 适用于标准的液压注塑机
- 超紧凑型单板控制器
- 7至12英寸显示屏
- 微动开关操作
- 注射闭环，包括通过注射图监控
- SPC软件包（流程控制统计）
- CAN总线扩展
- 通过Ethernet接口实现互联

- For hydraulic standard injection molding machines
- Ultracompact single-board computer
- 7" to 12" TFT displays
- Operation via microswitch keyboard
- Closed-loop injection process including monitoring by means of injection graphic
- SPC package (Statistic Process Control)
- Expandable via CAN bus
- Network-compatible through Ethernet connection



KePlast i8000

i8000系列控制解决方案提供了最高的控制器性能和最大的灵活性。整个程序包基于Linux，最先进的手势操作和开放的控制平台结合在一起，提供最大程度的个性化。

The control solution of the i8000 series offers the very latest multitouch technology in combination with top performance. The Linux-based complete package combines state-of-the-art gesture operation with an open control platform and provides maximum individuality.

- 用于液压、混合和全电动多组件注塑机以及大型设备
- 开放式Linux控制平台，最短控制周期
- 带有Linux操作系统和JavaFx技术的有效操作单元
- 纵向模式的15寸和21.5寸宽屏显示器
- 通过EtherCAT界面无缝集成KEBA驱动技术

- For hydraulic, hybrid and all-electric multicomponent injection molding machines as well as high tonnage IMMs
- Open Linux control platform with extremely short control cycles
- Active operating unit with Linux operating system and JavaFx technology
- 15" and 21.5" multitouch widescreen displays in portrait format
- Seamless integration of KEBA drive technology via EtherCAT interface