SDS5V

The SDS5V DRO 系列数显表

SDS5V型数显表采用最新的32位嵌入式计算机技术,5.6"LCD 中英文显示，最多六轴，配备大容量电子硬盘，USB设备与PC进行高速数据传送。每轴多达600个非线性误差补偿点,可以通过双频激光测量仪和本公司专用软件生成比对数据文件,将文件保存在数显表内用做数据处理，使测量误差达到最小。数显表还具备图形路径模拟显示功能。在表上自我设定即可应用于铣床、精密坐标镗床、落地镗床、精密镗床、精密磨床、车床、EDM火花机等不同的专用功能。

SDS5V

The SDS5V DRO adopt the late-model 32 bits embedded computing technology, 5.6″LCD, Chinese captions and English captions, up to 6 axis, equipped with high-capacity hard disc, USB equipment can be in communication with PC in a high speed. Each axis have up to 600 Non-linear Error Compensation points, with dual frequency laser instrument and intelligent software developed by Sino, a data file is created and stored in the hard disc after contrastively measure for data processing,it was used to minimize error of the later measure.
Path simulation function is also be provided in DRO.
after being choosed the male It iswidely used in Milling machine、Precision coordinate Boring Machine、ground Boring Machine、Precision Boring Machine、Precision grinding machine、lathe、EDM and other different special functions.

其它功能如下：	Other functions are listed as follows:
非线性误差补偿。	Non-linear Error Compensation.
PCD圆周分孔。	PCD Hole Positioning on Circumference.
200点辅助零位功能。	200 Points Auxiliary Zero Position Function.
大容量电子硬盘存储测量文件。	High-capacity ROM disc for storage.
Rs232传送。	Real time coordinate transmission with RS232.
USB文件传送功能。	File transmission Function through USB.
四个坐标系显示，机床坐标、绝对坐标、相对坐标、200组用户坐标。	Four coordinate systems are adopted in this system, namely, machine coordinate system, absolute coordinate system, relative coordinate system and 200 user coordinate system .
公英制切换显示。	Metric/British units Switching Display.
软件诊断功能。	Software diagnosis Function.
AB功能寻找光栅尺参考点。	AB function to search for the reference point of encoder.
掉电记忆功能。	Power Off Memory Function.

SDS5-3PJ除了与**SDS5V**型数显表基本性能一样外还是专为投影仪等测量仪器设计的数显表。
Besides the same basic function with SDS5V DRO,SDS5-3PJ is design for projector and other measure instrument.

其它功能如下：	Special functions are listed as follows:
支持点、线、圆、椭圆、长方孔、	Support measure、input and structure the graphic element
槽等图形元素的多点测量、预置和构造。	With multiple points,such as point, line, circle, angle,
具有图形示教功能，使操作更直观快捷。	slotted hole, rectangular hole and ellipse.
坐标摆正和坐标平移，方便摆正工件，	Graphic demonstration function, the operation is simple
减少调整时间。	And intuitionistic
脚踏开关和光学寻边器，踩点准确，方便和快捷。	Coordinate offset and rotation function,it is very easy to
大容量电子硬盘支持存储1024个文件，	Fine-tune the workpiece, economize the time of fine-tune.
每个文件最多存储400个永久元素。	Step switch and optical principle of the edge finder,
打印功能，可以打印图形元素和三轴的坐标值。	finding points with a convenience shortcut.
多种坐标显示方式，极坐标和直角坐标，	High capacity hard disc support 1024 files ,400 permanent
绝对坐标、相对坐标和200组用户坐标，	Element can be stored in each file.
Z轴可接光栅尺或旋转编码器。	Printing function, you can print graphic element and the
Rs232传送功能，将图形元素生成文件。	Coordinate values of 3 axises.
	Multiple coordinate systems are adopted in this system,
	Polar coordinates and Cartesian coordinates,
	absolute coordinate system, relative coordinate system
	and 200 user coordinate system ,
	Z axis can be connect to a linear encoder or a rotary encoder.
	Function of RS232 transmission,
	creat file with graphic element.

SDS6

The SDS6 DRO 系列数显表

SDS6型数显表采用最新的16位单片机技术，全面兼容SDS2系列的基本功能及各种机床的加工功能，达到一表全功能运行,速度更快，可以通过与双频激光测量仪数值对比。每轴可输入40点补偿数据进行修正处理，使测量误差达到最小。现广泛应用于精密坐标镗床、落地镗床、精密镗床、精密磨床、车床、EDM火花机、铣床等。具有独特的恒速车削功能，该功能可以在切削工件内/外圆时，由数显表根据工件半径的变化输出相应模拟电压控制主轴变频器，动态连续改变主轴转速，使得工件表面线速度保持一致，达到恒速车削的效果，保证了工件表面粗糙度一致。

SDS6-3V

SDS6 Digital Readout employs the newest 16 bit SCM technology, can substitute all kinds of basic function and special required function of SDS2 Series. An all-purposeDRO The speed of measurement is faster, and the control system is easier and smoother. Each axis can supply 40 points of non-linear compensations. We can get the compensated value through the double-frequency laser measurement machines to reduce the measurement error accurately. It can be widely u sed in high accuracy coordinate boring machines, floor boring machines, high accuracy boring machines, high a ccuracy grinding machines, lathe, EDM machines, milling machines and so on. And it supplies special function that to control the processing speed of lathe. When you process the workpicece's inside/outside in circle by lathe,the DRO can output relative simulative signal on the basic of the change of the radius of the workpiece to control the principal axis's transducer. It changes the speed of the principal axis continuously so that we can make the processing speed to the outlook of the workpiece in the same level to achieve the constant speed of processing so that we can promise the coarseness of the complete workpiece are the same.

SDS3

The SDS3 DRO 系列数显表

SDS3-1

SDS3体积最小，SDS3系列是专为单轴测量的客户而设计的，具有很强的使用功能。

SDS3-1 Digital readout functions	SDS3-1数显表功能
1、mm/inch Measurement Transformation	1、公制/英制转换
2、Absolute/Relative Transformation	2、绝对/相对转换
3、Linearity Error Compensation	3、线性误差
4、Positive/Negative Counting	4、分中功能
5、Mid-split Function	5、归零
6、Zero Adjustment	6、绝对零参考点
7、Absolute Reference Mark	7、分辩率设置
8、Resolution Setting	8、磨床去抖动功能
9、Grinding Maching Debouncing Function	9、半/直径转换
10、Radius/Diameter Conversion	10、RS-232-C接口(附加)
11、RS-232-C Interface(addition)	11、掉电记忆
12、Power Down Memory	12、符合输出(附加)
13、Congruous Output(additional)	13、外部I/0采样