

Bright Sharp Durable
高亮度 高銳利 高耐用

To shift motion phase of clear frozen image !

高清晰凍結畫面的運動相位，可任意位移!

External-Control **STROBOSCOPE** 外同步型閃頻儀

The innovative D series display clear frozen images of repetitive moving objects by internal or external signal control; furthermore, D series are also capable of shifting the frozen image to any phase of the moving objects accurately and clearly to benefit operators in the application of inspection especially for larger moving objects.

創新設計之D系列機種，不僅可藉由內部或外部信號之控制，來呈現反覆運動體之高清晰凍結畫面，還可任意位移該凍結畫面，到反覆運動週期內的任一相位。如此優異之設計，徹底解決了大運動物體之表面檢查與檢測。



PK-506D ~ PK-530D
(Upgraded) 升級版

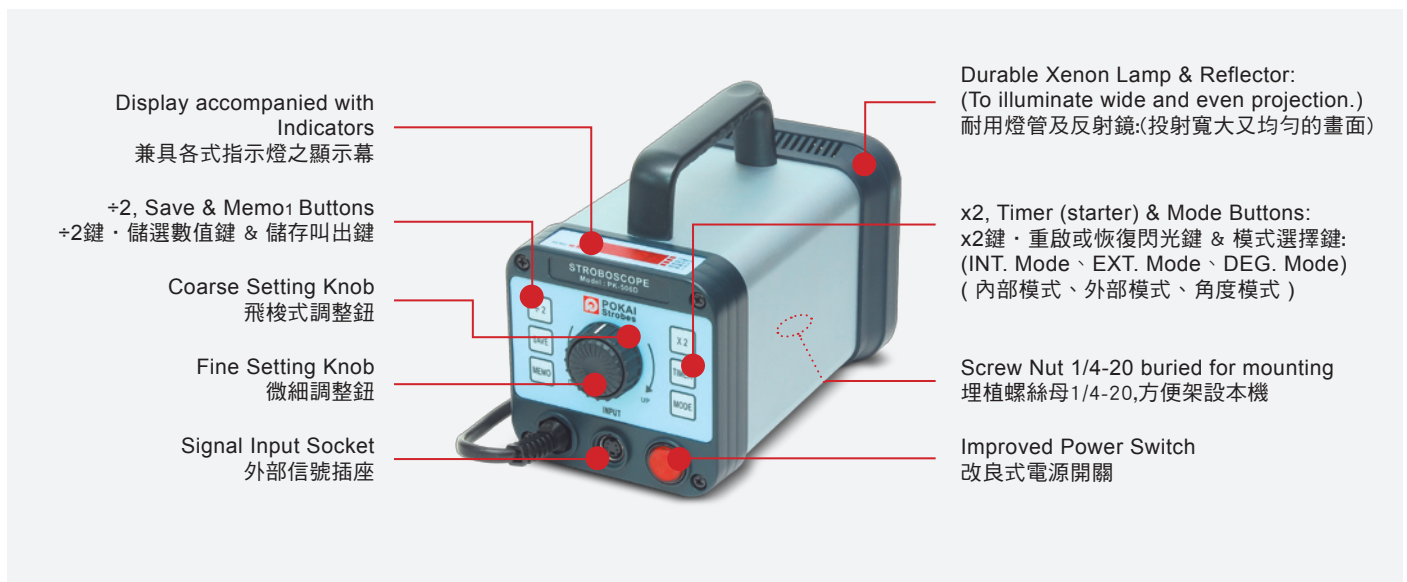
NEW
Version

FEATURES / 特點：

- Excellent D series are capable to shift frozen images to any phase of moving object.
- The power supply for sensors (+DC 12V) is equipped in the Input Signal Socket for convenient connection.
- Upgraded D series provide Incomparable sharpness (12~18μsec.)、brightness (Max.310mJoule)、accuracy (±0.005%)、life flashes (380~420million) and cooling operation. The excellent sharpness and brightness ensures extreme clarity of images.
- Intelligent design provides convenient operation as follows:
 - ◎ Multiple Setting Knobs set flash rates quickly and accurately.
 - ◎ Memo and Save Buttons are designed to memorize flash rates.
 - ◎ X2 & ÷2 Buttons are both for arithmetic and actual synchronization confirmation.
 - ◎ Sleep-off timer cuts off flash lighting every 12 minutes to save power and to prolong lamp life.
 - ◎ There are "internal"、"external" and "phase" modes for selection by pressing the Mode Button.
- D系列的獨特相位模式下，可任意位移凍結畫面，到運動中之任一相位或角度。
- 外部信號輸入插座內，具備了檢測器之電源(+DC 12V)，讓自動同步之連結，更加方便。
- 無與倫比的銳利度(12~18 μ sec.)、亮度(Max.310mJoule)、精確度(±0.005%)、燈管壽命(320~420million)、散熱及耐用性。如此優異的銳利度及亮度，正是表面檢查時最必要的性能，也是一般閃頻儀或LED閃頻儀難以比擬的。
- 高智慧的調整與控制方式，提供人性化的操作，簡述如下：
 - ◎ 按Save鍵後，可儲存數值於Memo內，隨時還可再叫出。
 - ◎ 粗調與微調控制鈕合而為一，提供精確又快速的調整。
 - ◎ X2 & ÷2按鍵，不僅可乘除速率值，還可確認真實同步與否。
 - ◎ 舒眠定時12分之關閉功能，不僅可省電，還可延長燈管壽命。
 - ◎ 共有“內部”、“外部”及“相位”控制模式，由Mode鍵來選擇。

CE

PART NAMES / 各部名稱：



SPECIFICATIONS / 規格表： (D Series)

D Series	PK-506D	PK-512D	PK-530D
迥異之特色與應用	超高亮型(表面檢查)	高亮型(表面檢查)	高速率型
Distinguishable Feature	Ultra high brightness	High brightness	High speed type
Flash Rate Ranges	54.0~6300FPM	54.0~12600FPM	54.0~31500FPM
Display	5-digit LEDs to display FPM value accompanied with functional indicators		
Accuracy & Resolution	Accuracy: $\pm 0.005\%$ of setting ; Resolution: ± 0.1 FPM (54.0~5999.9), ± 1 FPM (+6000)		
Modes of Trigger Signal	(INT. Mode) Internal、(EXT. Mode) External、(DEG. Mode) Adjustable Degree		
Phase Adjustment	DEG. Mode : $0^\circ \sim 360^\circ$ with the resolution of 1 degree		
External Input Signals	+5V ~ 12 V (15V max.) pulse signals, positive edge triggered		
Power Supply for Sensor	+12Vdc, 100mA, (Equipped in Signal Input Socket for external sensors.)		
Flash Lamp	PK-351A, (German-made Xenon Lamp combined with POKAI long-life circuits.)		
Life of Flashes	Approx. 380million	Approx. 420million	
Flash Duration	Approx. 18 μ sec.	Approx. 15 μ sec.	Approx. 12 μ sec.
Flash Energy	310mJoule@600fpm	260mJoule @600fpm	1200 Lux@6cm
Illuminated Area @25cm	Approx. 330mm \varnothing		Approx. 270mm \varnothing
Source of Power	AC220V or AC110V $\pm 10\%$, 50/60Hz.		
Dimensions/Weight	Body: 109(W) x 109(H) x 167(L) mm.; Handle: 37(H)mm. / Approx. 1.0 kgs		
Accessories	1 pc. of Signal Input Plug, and Instruction Manual in English and Chinese		

Due to improvement, specifications may change without notice.

■ Pokai have been one of the leading manufacturers in Asia since the first high performance Stroboscope was made out successfully in 1978. With over 30 years of exclusive research, Pokai offers over 35 models of high performance stroboscopes for your proper choice. In addition, customized specifications are welcome.

■ 普凱自從1978年成功地推出第一台高性能閃頻儀以來，一直是亞洲的領導廠商之一。如今，經過30年以上的專精研究，提供了35種以上不同型式的高性能閃頻儀，可讓客戶做最適當之選擇與應用。此外，也歡迎客製化規格之定製。



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