POKAI STROBES

®

since 1978

Bright Sharp Durable
高亮度 高銳利 高耐用

Sharp Flashes (8~18μs.) ! Cooling Operation !

銳利的閃光特性(8~18μsec.)! 優異的散熱效應!

Intelligent **STROBOSCOPE**
智 慧 型 閃 頻 儀

Innovative technology of POKAI S series displays extremely clear frozen images and accurate speed values of repetitive motion; moreover, the latest improvements of S series optimize the continuous cooling operation, durability and flash sharpness (8~18μsec.) to ensure essential performance especially for surface inspection and measurement.

以創新設計之普凱S系列，讓運動中之反覆運動體，顯露出無比清晰之凍結畫面，同時顯示其高精確之速率值。此外，經過最近改良後，更優化了連續操作之散熱性、耐用性以及閃光之銳利度(8~18μsec.)，從而提供表面檢查與測量上最迫切的性能。

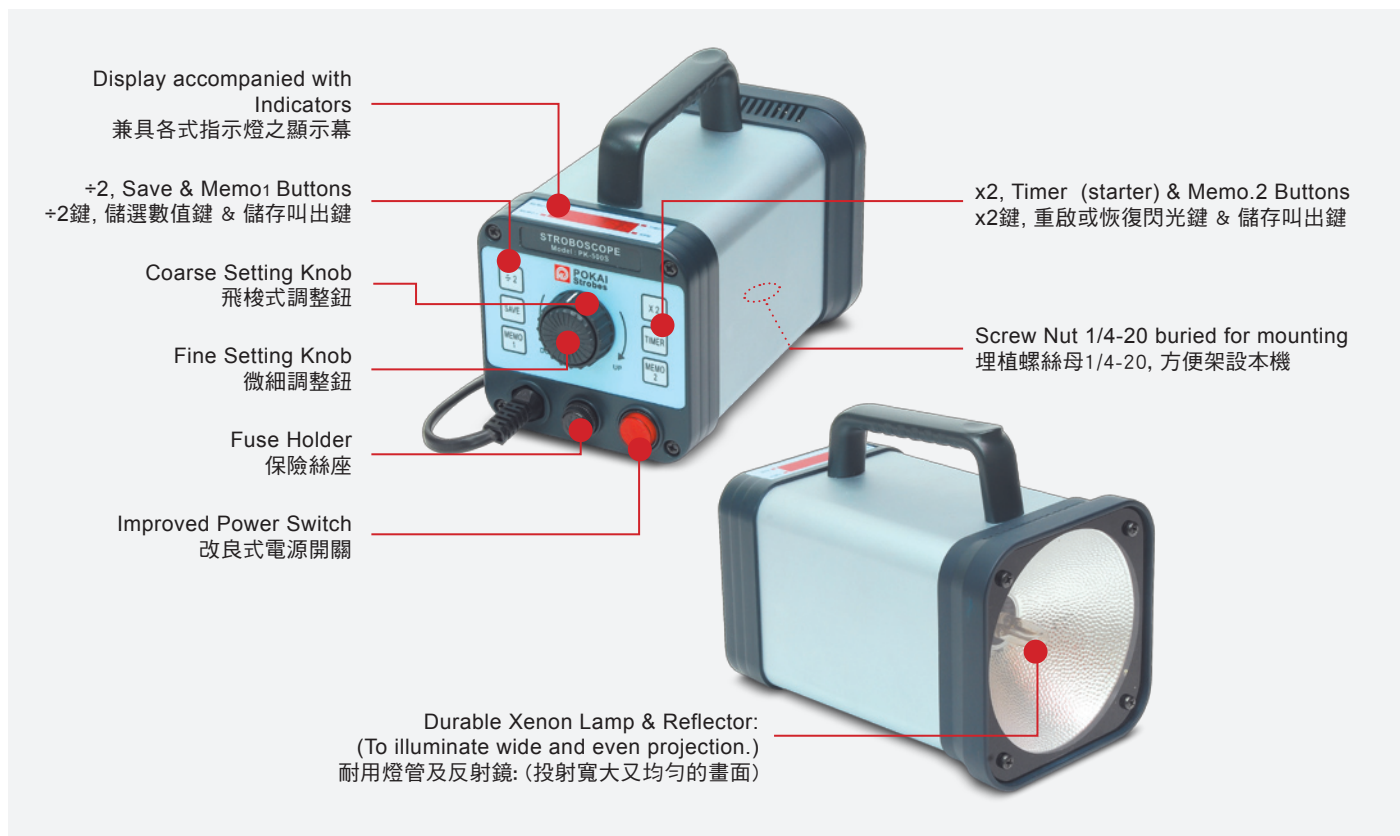flash capture

STROBOSCOPE
Model : PK-500S

PK-500S ～ PK-550S
(Upgraded) 升級版

NEW Version

FEATURES ／ 特 點 :

■ Upgraded S series provide incomparable sharpness (8~18μsec.)、brightness (Max.310mJoule)、accuracy (±0.005%)、life flashes (320~420million) and cooling operation.

■ Wide and even illumination with extreme clarity of frozen images ensures the essential performance of surface inspection and measurement.

■ Intelligent design provides convenient operation as follows:
◎ Multiple Setting Knobs set flash rates quickly and accurately.
◎ X2 & ÷2 Buttons are both for arithmetic and actual synchronization confirmation.
◎ Memo.1~2 and Save Buttons are designed to memorize and to recall flash rates.
◎ Sleep-off timer cuts off flash lighting every 12 minutes to save power and prolong lamp life.

■ 無與倫比的銳利度(8~18μsec.)、亮度(Max.310mJoule)、精確度(±0.005%)、燈管壽命(320~420million)、散熱及耐用性。

■ 無比的清晰度以及寬又均勻的投射畫面，正是表面檢查上最必要的性能，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：
◎ 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。
◎ 按下Save鍵後，可儲存於Memo.1或Memo.2內，共2組。
◎ 舒眠定時12分之關閉功能，不僅可省電，還可延長燈管壽命。

CE

POKAI TECHNOLOGY CO., LTD.

Made in Taiwan

PART NAMES ／ 各部名稱：

Display accompanied with Indicators
兼具各式指示燈之顯示幕

÷2, Save & Memo1 Buttons
÷2鍵, 儲選數值鍵 & 儲存叫出鍵

Coarse Setting Knob
飛梭式調整鈕

Fine Setting Knob
微細調整鈕

Fuse Holder
保險絲座

Improved Power Switch
改良式電源開關

x2, Timer (starter) & Memo.2 Buttons
x2鍵, 重啟或恢復閃光鍵 & 儲存叫出鍵

Screw Nut 1/4-20 buried for mounting
埋植螺絲母1/4-20, 方便架設本機

Durable Xenon Lamp & Reflector:
(To illuminate wide and even projection.)
耐用燈管及反射鏡: (投射寬大又均勻的畫面)

SPECIFICATIONS ／ 規格表： (S Series)

S Series	PK-500S	PK-512S	PK-518S	PK-530S	PK-550S
迴異之特色與應用	超高亮型(表面檢查)	高亮型(表面檢查)	泛用型	高速率型	超高速率型
Distinguishable Feature	Ultra high brightness	High brightness	Universal type	High speed type	Ultra high speed
Flash Rate Ranges	54.0~6300FPM	54.0~9450FPM	54.0~18900FPM	54.0~31500FPM	54.0~52500FPM
Display	5-digit LEDs to display FPM value accompanied with indicators				
Accuracy & Resolution	Accuracy : ±0.005% of setting, Resolution : ±0.1FPM (54.0~5999.9); ±1FPM 6000+				
Sleep-off Timer	Sleep-off timer control to cut off flash lighting every 12 minute				
Flash Lamp	PK-351A (German-made Xenon Lamp combined with POKAI long-life circuits)				PK-212A
Life of Flashes	Approx. 380million		Approx. 420million		Approx. 320million
Flash Duration	Approx. 18µsec.		Approx. 12µsec.		Approx. 8µsec.
Flash Energy	310mJoule@600fpm	260mJoule@600fpm	1200 Lux@6cm	1200 Lux@6cm	1600 Lux@6cm
Illuminated Area @25cm	Approx. 330mm Ø			Approx. 270mm Ø	Approx. 200mm Ø
Source of Power	AC220V or AC110V ±10%, 50/60Hz				
Dimensions/Weight	Body: 109(W)x 109(H) x 167(L)mm.; Handle: 37(H)mm. / Approx. 1.0 Kgs.				
Accessories	2 pcs. of fuses, 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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