

## Excellent brightness, sharpness & uniformity:

Optimize frozen images clarity

PK-LED600 is a wide-illuminated LED stroboscope that freezes repetitive running objects into visually stopped images to obtain the speed value accordingly. Flash durations of 148 high-output LEDs are ranged between 10 and 100  $\mu\text{sec}$  to ensure the excellent sharpness and brightness, so as to optimize frozen images clarity for perfect surface inspection.

< More than just a led stroboscope - it's a surface inspection solution >



- ⊙ **Excellent brightness & uniformity:** 148 Hi-power LEDs provide uniform 2200 Lux (Max.), at 20cm distance.
- ⊙ **Ensuring essential sharpness:** Durations of all flashes are ranged 10~100 $\mu\text{sec}$ . (The brightness is thereby adjustable.)
- ⊙ **Wide illumination:** 30cm x 28cm (@18cm).
- ⊙ **Frozen images could be shifted:** 0°~359°.
- ⊙ **Incomparable accuracy:**  $\pm 0.01\%$ .
- ⊙ **Completely one-hand operation.**
- ⊙ **7.5 hours of long-last continuous run time.**

**Better performance than almost all the others in the world !**

比世界上幾乎所有其它產品，更好的性能表現！

高精確的PK-LED600是一台廣照型LED閃頻儀，可將反覆運轉中的機械或物體，凍結為視覺上的靜止圖像，從而獲得其速率值。148個高亮LED的“閃光持續時間”，被設置其可調範圍為10~100  $\mu\text{sec}$ ，憑以確保所有閃光優異的銳利度及亮度，從而提供表面檢查最完善的利器。

< 不僅是LED閃頻儀，更是表面檢查與品管的利器 >

- 優異的亮度&均勻度: 148顆高亮的LED提供最高2200 Lux的均勻亮度(20cm處)。
- 均勻又有效的大照射面積: 30cm x 28cm (18cm距離)。
- 確保優異的銳利度: 閃光持續時間的可調範圍，被設定為10~100  $\mu\text{sec}$ 。
- 凍結圖像的相位移動: 可任意移動0°~359°。
- 無比的精確度:  $\pm 0.01\%$ 。
- 獨創的JUMP鍵，更優化單手操作的效率。
- 亮度可調整。
- 可連續操作長達7.5小時。

## BRIEF INTRODUCTION OF PART NAMES / 各部名稱之簡介：



## SPECIFICATIONS / 規格表：

Model		PK-LED600
Applications	應用領域	For speed measurement & surface inspection / 測量轉速及表面檢查用
Flash Rate Ranges	閃頻範圍	180.0 ~ 12,600 rpm/fpm (flashes per minute)
Display	顯示屏幕	LCD, multiple lines
Accuracy	精確度	±0.01% of setting @25°C
Resolution	解析度	±0.1 fpm (180.0~1199.9 fpm); ±1 fpm (1200~12600 fpm)
Flash Source	閃光之光源	148 Hi-output LED (wide) Array
Flash Duration	閃光持續時間	Adjustable 10 µsec ~ 100 µsec. (Brightness is accordingly adjustable.)
Light Output	發光功率	Max. 2200 Lux at 20cm distance
Effective Illuminated Area	有效照射面積	Approx. 30cm(L.) x 28cm(W.) @18cm distance
Color Temperature	光源之色溫	Approx. 5500° ~ 7000°
Adjustable Phase Shift	可移動之相位	Adjustable 0° ~ 359°
Power Source	供應之電源	Build-in LG rechargeable Li-ion battery: DC10.89V 3.25Ah (35w)
Continuous Run Time	連續工作時間	Approx. 7.5 Hours, typical at 1500 fpm
Dimensions (H x W x D)	尺寸(高x寬x深)	208 x 90.4x 80 mm
Weight	重量	Approx. 520 g
Housing Material	外殼材質	ABS heavy duty assembly
Accessories	附件	100~240V 50/60Hz recharger; User Manual; Warranty Card

■ Pokai has been one of the leading manufactures in Asia since the first high performance Stroboscope was launched to market successfully in 1978. There are over 35 models of high performance stroboscopes for the proper choice today.

■ 普凱自從1978成功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，超過35種各式各樣不同型式的閃頻儀，提供客戶做最適當的選擇與應用。



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