

Excellent Quality
卓越的品質

Digital **STROBOSCOPE** 銳利耐用型閃頻儀

Innovative technology of POKAI strobes provides apparent standstill images of repetitive motion and accurate speed value.

普凱之閃頻儀乃是以創新之科技，讓運動中之反覆運動體，呈現出既清晰又靜止的畫面，同時顯示其精確之速率值。



PK-DS-112 (一般型)
PK-DS-112U (強光型)
PK-DS-130 (高速型)
PK-DS-150 (超高速型)



FEATURES / 特點：

- ◎ Quartz crystal accuracy, $\pm 0.01\%$
- ◎ Equipped with 10-turn control knob.
- ◎ A complete line of reliable strobes.
- ◎ 高精確石英電路， $\pm 0.01\%$
- ◎ 精密十圈之微細調整器裝置。
- ◎ 機種齊全，專業開發值得信賴。

APPLICATIONS / 用途：

- ◎ To check and measure speed of motors, gears, pulleys, shafts, fans, etc.
- ◎ To check and measure speed of air hammers, rotary vibrators, etc.
- ◎ To observe and analyze stationery images.
- ◎ For quality control, general maintenance and educational demonstration.
- ◎ 測量或分析圓轉體，如馬達、齒輪、滑輪、轉動軸或風扇等之速度(RPM)。
- ◎ 測量或分析反覆震動體，如氣動鎚、離心分離機或震動送料台等之速度。
- ◎ 觀察或分析運作中任何運作體之靜止畫面。
- ◎ 適合如封罐機械、印刷機械、紡織機械或其他自動化機械等做品管或維護工具。
- ◎ 適合其他如物理學上之教學或研究。

PARTS / 各部名稱：



OPERATION / 操作：

打開電源開關，閃光照向運作中之運作體，再由高頻自下往低頻調整閃光速率，直到該運作體被同步顯現出第一個靜止畫面，(此時，因為閃光之速率與該運作體之速度完全相同，可稱之為“同步靜止畫面”。)讀出同步儀上之數字，即為其速度或RPM。

<要領>倘若借助運作體本身之形狀、標誌(如螺絲)、刮傷或油漬等加以確定，將更容易尋得同步靜止畫面。

- ◆ Press the power switch on.
- ◆ Project flash light onto repetitive moving object.
- ◆ Turn the control knob from high speed down to low speed, until the first stationery image appears.
At this time, its flash rate is exactly the same speed as the motion.
- ◆ RPM is instantly displayed.
Note: Stationery images may be easily confirmed if reference marks of the moving object are taken into account.

SPECIFICATIONS / 規格表：

Model No.:	PK-DS-112	PK-DS-112U	PK-DS-130	PK-DS-150
Applications	Universal	Ultra bright	High speed	Ultra high speed
Flash Rate Ranges	130 ~ 18000RPM in 2 ranges L.: 130 ~ 1500RPM H.: 1500 ~ 18000RPM	100 ~ 12000RPM in 2 ranges L.: 100 ~ 1200RPM H.: 1000 ~ 12000RPM	300 ~ 30000RPM in 2 ranges L.: 300 ~ 3000RPM H.: 3000 ~ 30000RPM	500 ~ 50000RPM in 2 ranges L.: 500 ~ 5000RPM H.: 5000 ~ 50000RPM
Digital Display	5 big 0.5" high LED's			
Accuracy	±(0.01%+1count), crystal-control time base			
Gate Time	1 second			
Flash Tube	10W xenon lamp	20W xenon lamp	7W xenon lamp	6W xenon lamp
Environment	0 ~ 50°C			
Power Supply	AC110V ±10%, 50/60Hz ; AC220V ±10% also available on request			
Dimensions	19 x 12 x 13 cm (exclusive of handle high 3.5cm)			
Weight	Approx. 1.4Kg			

Due to improvement, specifications may change without notice.

- With over 30 years of exclusive research, POKAI offers 35 models of stroboscopes for proper choice.
- 以30年以上之專精研究，普凱提供了35種以上之各式閃頻儀，讓客戶做最適切之選擇。



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