POKAI STROBES

R

since 1978

Excellent Quality
卓 越 的 品 質

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

The ultra bright flashes of PK-DS-170 can be easily triggered from a photo-electric pickoff or an electrical pulse for stable synchronization in the application of surface inspection.

藉由檢測器之外部信號或脈沖波之輸入，可自動顯現穩定而同步之靜止畫面。

PK-DS-170

FEATURES ／ 特 點 :

◎ Capable of both internally and externally triggered modes of operation.

◎ The power source of pickoffs is equipped.

◎ Ultra bright flashes for maximum clarity with durable circuits.

◎ Quartz crystal accuracy, ±0.01%.

◎ 除手調內部功能外，兼備自動控制外部功能。

◎ 內具檢測器之電源，檢測器之連線方便。

◎ 超高亮投射，畫面清晰。燈管壽命長。

◎ 高精確石英電路，±0.01%。

POKAI TECHNOLOGY CO., LTD.

PARTS ／ 各部名稱：

Handle
手把

Digital RPM & RPS Display
數字顯示RPM與RPS

Long-life Xenon Lamp
長壽命燈

Doted Reflection Mirror
點狀反射鏡

Function Switch
功能開關

Signal Input Jack with DC12V on a Terminal
信號輸入端(內具DC12V)

Power Switch
電源開關

10-turn Control Knob
速率調整鈕

2A Fuse Socket
保險絲座

OPERATION ／ 操 作：

PK-DS-170具備手調內部控制與外部自動控制之操作方式。

◆ 手調內部控制之操作：

a. 壓下電源開關之〝ON〞位置。
b. 壓下功能選擇開關之〝INT.〞位置。
c. 轉動速率調整鈕，由高頻至低頻，直到該運作體被同步顯現出第一個靜止畫面。

◆ 外部自動控制之操作：

a. 安裝檢測器(以SICK KT5W為例)之感光鏡，於離印刷膜面9mm之位置，並對準任一標誌。
b. 將其輸出之耳機頭插入同步儀之信號輸入端。
c. 壓下電源開關之〝ON〞位置。
d. 壓下功能選擇開關之〝EXT.〞位置。以印刷機或品檢機為例，膜面即刻自動顯現清晰且穩定之同步靜止畫面。

PK-DS-170 is capable of both internally and externally triggered modes of operation.

◆ **In the internal mode:**

a. Press the Power Switch to "ON".
b. Press the Function Switch to "INT".
c. Turn the Flash Rate Control from high speed to low speed, until the first stationary images of the moving object appears.

◆ **In the external mode:**

a. Fix the senser, for example SICK KT5W, over a mark of a printing material at a distance of 9mm.
b. Connect the signal produced by the abovementioned senser into the Signal Input Jack on the panel of the stroboscope.
c. Press the Power Switch to "ON"
d. Press the Function Switch to "EXT." Whenever the printing material moves, the stationary images appears clearly all the time.

SPECIFICATIONS ／ 規格表：

Model No.:	PK-DS-170
Internal Signal Range	150 ~ 6000FPM(RPM)
External Signal Range	0 ~ 12000FPM(RPM), +5V ~ +15V pulse
Digital Display	5 big 0.5" high LED's
Accuracy	±(0.01%+1count), crystal-cintrol time base
Gate Time	1 second
Flash Tube	20W xenon lamp
Environment	0 ~ 50℃
Power Source	AC110V ±10%, 50/60Hz ; AC220V ±10% also available on request
Dimensions / Weight	19 x 12 x 13 cm ; 1.7kg (exclusive of handle hight 3.5cm)
Accessories	1 pc. of spare lamp, 6.3mm Ø 3 - conduct phone plug, manual & warranty

■ 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。