



®  
**POKAI**  
STROBES

since 1978

Excellent design for weaving machine ! Water-proof !

品檢織布機之利器！ 非凡新問世：防潑水型！

Accurate! Clear Images!  
高精確！極清晰畫面！

## Weaving-use **STROBOSCOPE** 織布機專用型閃頻儀

The intelligent W series are designed especially for shuttle, rapier, air-jet and water-jet looms to inspect timing of shedding and welt running time, etc., moreover, the exceptional design of simulation 0 angle makes possible to show out any desired timing.

標準智慧型502W以及防潑水型502Wsp，乃專為監測各類“有梭式”“劍帶式”“噴氣式”及“噴水式”織布機內緯紗或其相關運作體之瞬間動作點，來呈現其最高精確的分析數據，以及最清晰的凍結畫面。此外，更因具備了獨特的0度模擬設定功能，讓502W系列閃頻儀成為各類織布機不可或缺的品管利器。



### FEATURES / 特點：

- ◎ 0° SET button: simulates any angle as 0 degree for desired accurate timing.
- ◎ Phase mode: shifts the phase of external signals at every degree.
- ◎ Excellent stability and accuracy:  $\pm 0.005\%$  of setting, with resolution of  $\pm 0.1$  FPM.
- ◎ Short flash duration (6~20usec) and bright flashes (410mJoule) assure clear frozen images.
- ◎ For Multi-jet or Multi-shuttle: There are 9 kinds of Selection Mode, 1E for single-jet, 2A、2B for 2-jet and 4A、4B、4C、4D for 4-jet weaving machines.
- ◎ The Splash-proof PK-502Wsp is specially designed for various kinds of water-jet looms.
- ◆ 0度模擬設定功能：品檢織布機內相關動作體，在任何模擬角度上之工作狀態。
- ◆ 精準的相位模式：可調整運動體之靜止影像  $0^\circ \sim 359^\circ$ 。
- ◆ 優異的穩定性及精確度： $\pm 0.005\%$ 之精確度，以及 $\pm 0.1$  FPM之解析度。
- ◆ 極短的閃光時間(6~20usec)以及超亮的閃光(410mJoule)確保了最清晰的凍結畫面。
- ◆ 具備多管或多梭之檢測功能：共計提供9種選擇模式，單管的1E，雙管的2A、2B，以及四管的4A、4B、4C、4D。
- ◆ 最新推出之防潑水型PK-502Wsp，乃專為各類噴水式織布機而設計之高智慧閃頻儀。

## PARTS / 各部特點：



## SPECIFICATIONS / 規格表：

W Series	PK-502W	PK-502Wsp
Applications	For weaving machines in dry area.	For weaving machines in wet area.
Housing structure	Dust-proof Housing	Dust-proof Housing plus Rubber Caps
Flash Rate Ranges	54.0 ~ 2100.0RPM	
Resolution	±0.1RPM (54.0~2100.0)	
Phase Shift	0° ~ 359°, Full of the range is also capable to be set as 0°	
Accuracy	±0.005% of setting	
Display	5-digit LEDs to display RPM and shifted Phase Degree	
Divide Function	1/1, 1/2, 1/4, 2/4 (positive), 2/4 (negative) with phase shift	
External Input	High level: 5~15V pulse width, 2ms. Min. ; Low Level: 0~1V pulse width, 2msec., Min.	
Input Impedance	20 KΩ	
Flash Energy	410mJoule @ 600FPM, Max. 12W	
Flash Tube Life	140 million flashes	
Illuminated Area @ 20cm	Approx. 260mm diameter	
Flash Duration	6~20μs. (Shorter duration for clearer frozen images)	
Power Supply	AC220V or AC110V ±10%, 50/60Hz	
Dimensions / Weight	109 x 109 x 167cm ; Approx. 1Kg	
Accessories	2 pcs. of spare fuses and Instruction Manual	

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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