



BM - 44350



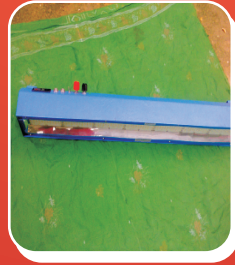
P - AM 44350



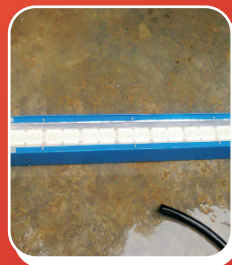
AM 2150



AM 4150



AM 6150



AM 8150

HAPPAH LED STROBOSCOPE

Happa LED Strobe system that applies the latest state of technology with LED from Happa Technologies, it designed with easy operation, light weight and small size. This high speed Strobe "On Line" Inspection system will help you to inspect the repeated object running up to 500 meter per minute. This system will freeze the running objects (repeated) enable the naked human eye to see as still, with the theory of Persistence of Vision

The On Line Inspection System help you to save time, increase the production and quality and decrease the wastages.

GRAPHS INDUSTRIES



A/M-80350

Happa LED Stroboscope for 1200 mm
web width (fixed model)

GRAPHS INDUSTRIES™

HAPPAH LED STROBOSCOPE™

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HAPPAH LED STROBOSCOPE MODELS

BM 44350 (Handy)	Range	
Protatable	AM 44350	300 mm
Size 300 mm - AM 2150 (Fix Model)		400 mm
Size 600 mm - AM 4150 (Fix Model)		700 mm
Size 900 mm - AM 6150 (Fix Model)		1000 mm
Size 1200 mm - AM 8150 (Fix Model)		1300 mm

Coverage

Features of BM44350(Handy)

- LED Stroboscope 15v DC Model
- Hold to ON
- Cord less
- Single handed operation
- High accuracy, high efficiency
- No shocks, no maintenance
- Light weight
- No heat up
- Light intensity of the system is same as new for lifetime.



Model No.: 44350

Specification of BM44350(Handy)

- Flash source (Light) : Super flex LEDs
- Life Of LEDs : 60,000 to 70,000 Hours (With the Systems)
- Duration of Duty cycle : 10 to 50 Micro seconds (Adjustable)
- Frequency (flash rate) : 6 to 75 Hz (Adjustable)
- Power Source : Li-ion Battery (Rechargeable)
- Battery life : 800-1000 recharging cycles
- Operating temperature : 0 to 70°C
- Power requirement : 15 V DC $\pm$ 20%, 500mAh
- Weight : 1.2 Kg.
- Size : 16 x 13 x 10 Cm

Features of Fix models

- LED Stroboscope 220V AC Model
- Auto / Manual synchronization
- Consinuous monitoring
- Low power consumption
- High accuracy, high efficiency
- No shocks, no maintenance
- Easy to Install
- No heat up
- Light intensity of the system is same as new for lifetime.



Specification of Fix Models

- Flash source(Light) : Super flex LEDs
- Life Of LEDs : 60,000 to 70,000 Hours (With the Systems)
- Duration of Duty cycle : 10 to 50 Micro seconds (Adjustable)
- Frequency (flash rate) : 6 to 75 Hz (Adjustable)
- Power Source : 220 V AC/50Hz $\pm$ 10%,
- Power Consumption Max.: 20W

Repeat size v/s Line Speed for Flicker Free view with LED stroboscope

Repeat Size (mm)	Minimum Line Speed (Meters/Minute)	Repeat Size (mm)	Minimum Line Speed (Meters/Minute)
50	30	300	180
60	36	310	186
70	42	320	192
80	48	330	198
90	54	340	204
100	60	350	210
110	66	360	216
120	72	370	222
130	78	380	228
140	84	390	234
150	90	400	240
160	96	410	246
170	102	420	252
180	108	430	258
190	114	440	264
200	120	450	270
210	126	460	279
220	132	470	282
230	138	480	288
240	144	490	294
250	150	500	300
260	156	510	306
270	162	520	312
280	168	530	318
290	174	540	324

Note :

- **Object shall be similar for all repeats.**
- **Minimum 10 repeats per second (10Hz) must be needed for inspection with stroboscope**