



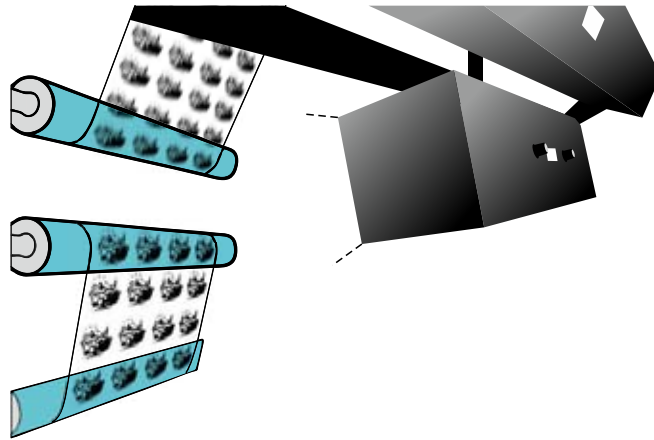
Machine mounted StrobAXIS for full print width monitoring

Technical specifications

Model	Machine mounted StrobAXIS
Flashes per minute (FPM)	30 - 15000
Maximum web speed	2000 metres per minute
Variable intensity flash duration	10 - 150 μ s
Coverage area	As per requirement
Type of light	Flood light
Type of LED	Bright white LEDs
Power consumption	48 Watts (typically for 1200 mm width)
Power requirement	230 VAC
Weight	Approximately 7 kg
Automatic setting	Last configuration stored automatically
LCD panel	Setting parameter
Optional fittings	Encoder or mark sensor
Mounting	Mounted at rewinder roll at a distance of 1' from the web

During print runs at high operating speeds (up to 500 metres per minute), only with the unassisted human eye, it is impossible to reliably check the print web for defects.

A.T.E.'s lightning fast range of stroboscopes - StrobAXIS - enable monitoring of printed webs at production speeds. The StrobAXIS illuminates the moving web with a series of periodic sharp and short flashes. At a certain flash frequency the web appears to be stationary or near stationary, allowing the operator to check the web for print errors. The operator can then take corrective action to reduce print material wastage.



Features:

- Precise web monitoring
- Instant error identification
- Powerful high bright white light LED
- Digital stroboscope with automatic settings
- LCD panel for setting/adjusting parameters (illumination intensity and flash frequency)
- Scan mode
- Encoder or mark sensor
- High temperature compatibility

Benefits:

- Accurate strobe control
- Bright and uniform illumination with energy efficient LED strobe
- Wide illumination angle with modular LED technology
- Automatic sync of machine speed with FPM
- Full circumference monitoring
- Quick and easy intensity and FPM adjustments
- Fast aperture
- Sharp visibility, high accuracy
- Handy yet robust
- Light weight and easy to handle
- Long life

StrobAXIS helps in detecting the following print defects:

- Colour streaks
- Voids
- Bleeding
- Drags and holes
- Missing print

Applications

Printing, labelling, slitting and doctoring, die-cutting, embossing and more.

About A.T.E.

With domain knowledge built over three decades in the print and packaging field, A.T.E. is established as a reliable source of quality products.

A.T.E. has developed customised solutions for demanding and complex printing applications using measurement and control and smart imaging technologies. A.T.E.'s dedicated team is focussed on continuously improving A.T.E.'s products and solutions with regular upgrades to algorithms and software.



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