

Data teknis

Fluke 820-2 LED Stroboscope





Fitur utama

- Rugged, compact, easy to use stroboscope for checking the rotating speed of machinery without physical contact or the need for reflective tape
- Features high-intensity 7-LED array—4,800 Lux @ 6,000 FPM/30cm
- Provides a high-efficiency LED solid-state light source with uniform flash characteristics that allow for higher flash rates—30-300,000 FPM (flashes per minute)

Ikhtisar Produk: Fluke 820-2 LED Stroboscope

Investigate and observe potential mechanism failure with confidence

Identifying the running speed of rotating equipment can be difficult, but the Fluke 820-2 LED Stroboscope simplifies the process allowing you to perform stop motion diagnostics without actually stopping, or making contact, with the machine you are working on. Whether you are trying to diagnose parasitic oscillations, slippage, or unwanted distortions, the 820-2 LED Stroboscope is the ideal frontline troubleshooting, process or product research and development tool.

Other useful features:

- Includes digital pulse width modulation for exceptionally sharp images at high speeds
- Provides rugged, durable design that uses solid-state LEDs with no filaments, gases, hollow cavities, or glass; (1 meter drop tested)
- Features quartz-accuracy control system for high accuracy-0.02% (+/- 1 digit)
- Provides a multi-line LCD display
- Includes advance or retard flash timing for viewing gear teeth, cutting surfaces, repeats, or drifting equipment
- Features simple push button operation with 2x and ÷2 buttons for easy adjustment

Spesifikasi: Fluke 820-2 LED Stroboscope

| Mechanical Specifications | |
|---|------------------------------|
| Size (HxWxL) | 5.71 cm x 6.09 cm x 19.05 cm |
| | 2.25 in x 2.4 in x 7.5 in |
| Weight | 0.24 kg |
| Environmental Specifications | |
| Operating temperature | 0 °C to +45 °C |
| Storage temperature | -10 °C to +50 °C |
| Operating humidity (without condensation) | Non-condensing (<10 °C) |
| | 90 % RH (10 °C to 30 °C) |
| | 75 % RH (30 °C to 40 °C) |
| | 45 % RH (40 °C to 50 °C) |
| Absorption/corrosion | 30 °C, 95 % RH, 5 day |
| | Product functions normally |

| | |
|-------------------------------------|-------------------------------------|
| Operating altitude | 2,000 m |
| Storage altitude | 12,000 m |
| Vibration | MIL-PRF-28800F Class 2 |
| Impact resistance | 1 m drop |
| EMI, RFI, EMC | EN61326-1:2006 |
| Safety Compliance | |
| Agency approvals | CE |
| | Class III (SELV) Pollution Degree 2 |
| Miscellaneous Specifications | |
| Flash Frequency | |
| Range | 30 to 300,000 FPM |
| | 0.5 to 5000 Hz |
| Accuracy | 0.02 % |
| Resolution | 30 to 999 FPM = 0.1 |
| | 1000 to 300,000 = 1 |
| | 0.5 Hz to 999 Hz = 0.1 |
| | 1000 Hz to 5000 Hz = 1 |
| Frequency seing | FPM or Hz |
| Flash Pulse | |
| Duration | Adjustable in μ s or degrees |
| Delay | Adjustable in μ s or degrees |
| Light | |
| Color | Approximately 6500 K |
| Emission output | 4,800 lx @ 6000 FPM at 30 cm |
| Exteal Trigger | |
| Method | Connector to exteally cool trigger |
| High level | 3 V to 32 V |
| Low level | <1 V |
| Minimum pulse width | 50 μ s connection |

Model



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Includes:

- Protective case
 - External trigger connector
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Fluke. *Memastikan aktivitas Anda terus berjalan dan beroperasi.*

Fluke Corporation

PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:

In the U.S.A. (800) 443-5853

In Europe/M-East/Africa

+31 (0)40 267 5100

In Canada (800)-36-FLUKE

From other countries +1 (425) 446-5500

www.fluke.com

BUT. FLUKE SOUTH EAST ASIA PTE LTD

Menera Satu Sentra Kelapa Gading #06-05

Jl. Bulevar Kelapa Gading Kav. LA# No. 1

Summarecon Kelapa Gading

Jakarta Utara 14240

Indonesia

Tel: +62 21 2938 5922

Email: info.asean@fluke.com

www.fluke.com/id

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