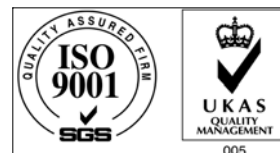


High brightness LED array, Battery power, 100-100,000 rpm

STROBOSCOPE

Model : DT-2199

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

Battery power

DIGITAL STROBOSCOPE

Model : DT-2199

1. FEATURES

- * Battery power Stroboscope, flash light use high intensity LED array, long life.
- * Stroboscope, wide measuring range up to 99,999 RPM.
- * The Digital Stroboscope is used the microprocessor circuit design, high accuracy, digital readout, light duty, that is ideal for inspecting and measuring the speed of moving gears, fans, centrifuges, pumps, motors and other equipment used in general industrial maintenance, production, quality control, laboratories and as well as for schools and colleges for demonstrating strobe action.
- * Back light high visible LCD display gives exact reading with no guessing or error and saves battery energy.
- * High precision both for Stroboscope. measurement.
- * Use an exclusive one chip MICRO-PROCESSOR LSI-circuit and crystal time base to offer high accuracy measurement & fast measuring time.
- * Compact and heavy duty housing case.

2. SPECIFICATIONS

2-1 General Specifications

Display	5 digits (0 to 99999) LCD display.
Circuit	Exclusive one-chip design microprocessor LSI circuit.
Measurement	Unit : FPM (rotation per minute). build in external trigger input.
Sampling Time	Approx. 1 second.

Calibration	Crystal time base and microprocessor circuit, no external calibration process required.
Operating Temperature	0 to 50 °C (32 to 122°F)
Humidity	Less than 80% R.H.
Power Supply	DC 1.5 V, UM-1 (D type) battery x 4 PCs * <i>DC 9V adapter input is built, AC/DC adapter is optional, not included.</i>
Power Consumption	<i>Stroboscope (3600 FPM) :</i> DC 160 mA.
Weight	800 g (1.76 LB).
Dimensions	21 cmx12 cmx12 cm (8.3"x4.8"x4.8").
Accessories Included	Operation manual..... 1 PC.
Optional Accessories	Contact Tachometer probe (TA-35). ACV 110V, 220/230V to DC 9V adapter.

2-2 Electrical Specifications

Stroboscopic Flash Rate	100 to 99,999 flashes per minute (FPM). Low range : 100 to 1,000 RPM/FPM. High range : 1000 to 99,999 RPM/FPM.
Accuracy	± (0.05% + 1 digit).
Resolution	0.1 FPM/RPM (less than 1,000 FPM/RPM) 1 FPM/RPM (> 1,000 FPM/RPM).
Light Source	Long life high intensity LED array.