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Digital Stroboscope
DT-2239A

General Description

The model DT-2239A is a microprocessor circuit design, high accuracy, digital readout, light duty STROBOSCOPE/TACHOMETER 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.

| General Specification | |
|-------------------------|--|
| Display | 0.3" LED, 4 digits. |
| Stroboscopic Flash Rate | 100 to 10,000 flashes per minute (FPM). |
| Range | Low 100-1000 FPM/RPM, High 1000-10000 FPM/RMP |
| Flash duration | 60-100ms |
| Accuracy | 100 to 5,000 FPM/RPM) ± 1 digit. Over 5000 FPM/RPM - Operating Temp. 0 to 50 (32 to 122). $\pm 0.05\%$ |
| Resolution | Less than 10,000 FPM/RPM-1 FPM/RPM. Over 10,000 FPM/RPM -10FPM/RPM |
| Sampling Time | 1 second. |
| Range Select | Automation. |
| Circuit | This stroboscope/tachometer employs a custom one-chip of microcomputer LSI circuit & crystal control time base which results in extraordinary accuracy over a wide, dynamic range. |
| Power Supply | 110 Vac 10%, 50/60 Hz. or 220 Vac 10%, 50/60 Hz. or 230 Vac 10%, 50/60 Hz. |
| Power Consumption | Less than 30 Watt. |
| Operating Temp. | 0 to 50 (32 to 122). |
| Operating Humidity | Less than 80% R.H. |
| Dimension | HWD - 21 x 12 x 12 cm (8.3x4.8x4.8 inch). |
| Weight | 1Kg/2.2 LB. |
| Housing | Compact and impact plastic injection case with plastic mirror type reflector. |
| Calibration | Crystal time base and microprocessor circuit, don't necessary take any external calibration process. |
| Accessories Included | Operation manual..... 1 PC. |