

Process Calibrator LT32-760H

Applications

The Handheld Multifunctional Process Signal Generator (hereinafter referred to as the "Generator") is a handheld high-precision signal source powered by either a battery or an external AC/DC power adapter; it can be used to output industrial signals of various specifications.

Features

- Automatic power switching: The device can continue operating by connecting to an external AC/DC power adapter; when no external power source is available, it automatically switches to battery power (using 5 × 1.5V AA batteries).
- Battery level monitoring: Real-time monitoring of the battery power status, with alerts displayed to the user regarding the current battery level.
- Save frequently used outputs: Up to 64 sets of frequently used outputs can be stored and retrieved.
- Multi-information LCD display: Displays various pieces of information, including output values, signal type, power supply details, and memory status; the dual-row display layout facilitates the setup and retrieval of frequently used output values.
- Combination keys: Not only allows users to enter output values via the numeric keypad, but also enables convenient adjustment of output values using the directional keys.



Specifications

Display	LCD	
Vibration and Shock	Randomness 2g, 5~500Hz (test below 1 meter)	
Calibration Interval	Recommended calibration cycle is 1 year	
Warm-up time	15 minutes	
Working altitude	≤2000 meters	
Working ambient temperature	Temperature 0°C~50°C, Humidity ≤80%R·H, no condensation	
Storage ambient temperature	Temperature -25°C~60°C, Humidity ≤90%R·H, no condensation	
Power	5x1.5V AA; Power adapter input voltage range: 110~220VAC	
Size	W:96×H:196× T44 (mm)	
Power supply	At 4VDC/1k2 load, approximately 4 hours of use with 5x1.5V AA alkaline batteries	
	At 5VDC/10k2 load, approximately 21 hours of use with 5x1.5V AA alkaline batteries	
	At 24mA/502 load, approximately 4 hours of use with 5x1.5V AA alkaline batteries	

Standard Accessories	Main Unit (1pc)
	Carrying Case (1pc)
	Operation Manual (1pc)
	Test Lead (Length: 1 m) (Black ×2, Red ×1)
	Test Lead Alligator Clip (Black ×2, Red ×1)
Optional Accessories	AC/DC Power Adapter
	Cold Junction Sensor