



## Description

The product is a hand-held loop calibrator with stable performance and up to 0.02% high accuracy. It can measure DC voltage/current and loop current, source/simulate DC current. It is designed with auto stepping and ramping, the 25% stepping function can be used for fast linearity detection. The storage/recall feature also improves user's efficiency.

## Features

- Up to 0.02% output and measurement accuracy
- Compact and ergonomic design, easy to carry
- Solid and reliable, suitable for on-site use
- Auto stepping and ramping output for fast linearity detection
- Conduct mA measurement while providing loop power to the transmitter
- Save frequently-used settings for future use
- Adjustable backlight brightness
- Convenient battery replacement
- Slow /Fast/25% step ramp
- Backlight
- Auto power off
- Low battery indication
- Drop test: 1m

## Specifications

| Basic Functions       | Range | Best Accuracy |
|-----------------------|-------|---------------|
| DC Voltage (V)        | 30V   | ±(0.02+2)     |
| DC Current (A)        | 24mA  | ±(0.02+2)     |
| Loop Current          | 24mA  | ±(0.02+2)     |
| Source Accuracy       |       |               |
| DC Current (source)   | 24mA  | ±(0.02+2)     |
| DC Current (simulate) | 24mA  | ±(0.02+2)     |

## General Specifications

|                          |                     |
|--------------------------|---------------------|
| Power                    | 9V battery (6F22)   |
| Product net Weight       | 410g                |
| Product Size (W × H × D) | 96mm × 193mm × 47mm |
| Standard Accessories     | Test leads, battery |
| Standard Warranty        | 12 Months           |

## Part Number Table

| Description                     | Part Number |
|---------------------------------|-------------|
| Single Function Loop Calibrator | MP700005    |

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