



# LOOP - MATE 7006

Loop/Voltage / Current Simulator

- 7 Point 4..20mA, 0...10V Hand Held Simulator
- Auto-Step - adjustable speed
- Audible and visual LED indication
- Tx Test and Tx Sim Modes
- Battery Powered PP3
- Auto Power off



The **Loop-Mate** provides 4 to 20 mA and 0 to 10V signals to simulate sensors or check that sensors are transmitting correctly. It has automatic power off, and audible beeps that change pitch in sympathy with the output signal level. Automatic stepping of the signal through the range allows the calibration engineer to leave the **Loop-Mate** connected and controlling a device. He can then move to another location to check the signal is arriving and is the correct value.

The **Loop-Mate** has several additional functions. It can generate current and source this from its internal supply (the RX Test mode) and it can control current when the source of the supply is provided externally (the TX sim mode). It can also generate a 0 to 10v signal instead of the 4 to 20mA signal.

the **Loop-Mate** is a service/maintenance engineers best friend. Its low cost, simple and easy to use while providing more than enough accuracy for most applications. The universally available PP3 battery power with auto-power down ensures fewer battery changes

## SPECIFICATION

Ranges:	4 - 20 mA 0 - 10V
Resolution:	7 points 0, 10, 25, 50, 75, 90, 100%
Accuracy:	0.1%
Indication:	High brightness LEDs
Modes:	Tx Test and TX Sim (mA)
Control:	Manual Up/Down buttons
Auto Control:	Automatic step Up/Down. Rates 0.5,1,2,4,8 sec/step
Beeping:	A beep is sounded with increasing pitch each step
Error Indicator:	Erroneous loop conditions
Power:	PP3 battery Auto power down
Operating temp:	-10 to 50 degC
Storage temp:	-30 to 70 degC
Operating humid:	10-90% non-cond 25dgC
Dimensions:	15 x 8.5 x 2.5cm (6x2.5x1in)
Weight:	280gm (10oz)



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