

**Low Cost SG-Hand Held Measuring Amplifier**
**Type GM 77**

- Display and Decimal Point Freely Scalable
- Mains-, Battery-, Accu Operation
- Cut-Off after 15 min
- Calibration Control Switch
- Maximum Value Memory
- Signal Conversion Switch
- Integrated Accu Charger
- 4½-digit LCD-Display
- Easiest Calibration


**DESCRIPTION:**

The GM 77 is a cost-effective hand-held measuring instrument with a 4½-digit, freely scalable LCD display for SG signals of 0.35...3.5 mV/V.

The compact hand-held measuring instrument is flexibly applicable.

Selectively, it can be used with commercial, external accessible batteries, accus or a plug power pack with integrated accu charging function.

The battery saving mode with a 15 min timer switches the instrument off automatically.

By a key, an integrated maximum value memory and a signal inverse function are connectable and disconnectable at any time; the status is indicated on the keys by LED's.

Another key applies 100% calibration control (if available - see sensor data sheet) of the sensor, thus the GM 77 can easily be calibrated to a sensor and the calibration can be checked at any time.

**TECHNICAL DATA:**

GM 77		
Art. No.	107960	
Measuring Accuracy	f.s.%	0.2 ±3 digit
Rise Time Maximum Value Memory		250 ms -3 dB
Reading Rate	/s	2.5
Display Scope		0...±19999
Bridge Resistance of SG	Ω	350...2000
Input Sensitivity	mV/V	0.35...3.5
Supply Voltage SG		4 V max.15 mA
Operation Time at 50% duty ratio		
With Accus (4 x Micro 750 mAh)	h	>40
With Batteries	h	>50
Nominal Temperature Range	°C	+15...+35
Service Temperature Range	°C	+5...+45
Storage Temperature Range	°C	-10...+70
Dimensions (L x W x H)	mm	125 x 80 x 40
Weight	g	250
Level of Protection (DIN VDE 0470)	IP 40	

Accessories	Art. No.	Function
GM 77/AK	107961	Accu Set 4 x Micro NiMH min. 750 mAh
GM 77/NT	106864	Plug-In Power Supply for Mains Operation and Accu Charging
GM 77/NEUT	107962	Neutral Design