

Low Cost SG – hand measuring instrument

Type GM 77

- Display and decimale digit freely scalable
- Mains-, battery-, accu operation
- Disconnection after 15 min
- Calibration control switch
- Maximum value memory
- Signal conversion switch
- Integrated accu charger
- 4½ digit LCD-display
- Simplest calibration

Preliminary



DESCRIPTION:

The GM77 is an economical hand measuring instrument with 4½ digit and freely scalable LCD display for SG signals with 0,35-3,5mV/V.

The compact hand measuring instrument is flexibly applicable.

Commercial external accessible batteries or accus as well as a plug power pack with integrated accu charging function can be used alternatively

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

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

A further key switches the 100% calibration control (if available, see sensor data sheet) of the sensor on, thus the GM 77 can simply be in-calibrated to a sensor and the calibration can be checked at any time.

TECHNICAL DATA:

Type	GM 77
Art. no.	107960

Measuring accuracy	f.s.%	0,2 ±3 digit
Rise time maximum value memory		250ms -3dB
Reading rate	/s	2,5
Indication extent		0 - ±19999
Bridge resistance of SG	Ω	350 ...2000
Input sensitivity	mV/V	0,35 ...3,5
Supply voltage SG		4V max.15mA
Operating time at 50% switch-on duration		
with accus (4 x micro 750mAh)	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
E-GM77/AK	107961	Accu set 4 x micro NiMH min. 750mAh
E-GM80/NT	106864	Plug-in power supply for mains operation and accu charging
E-GM77/NEUT	107962	Neutral design