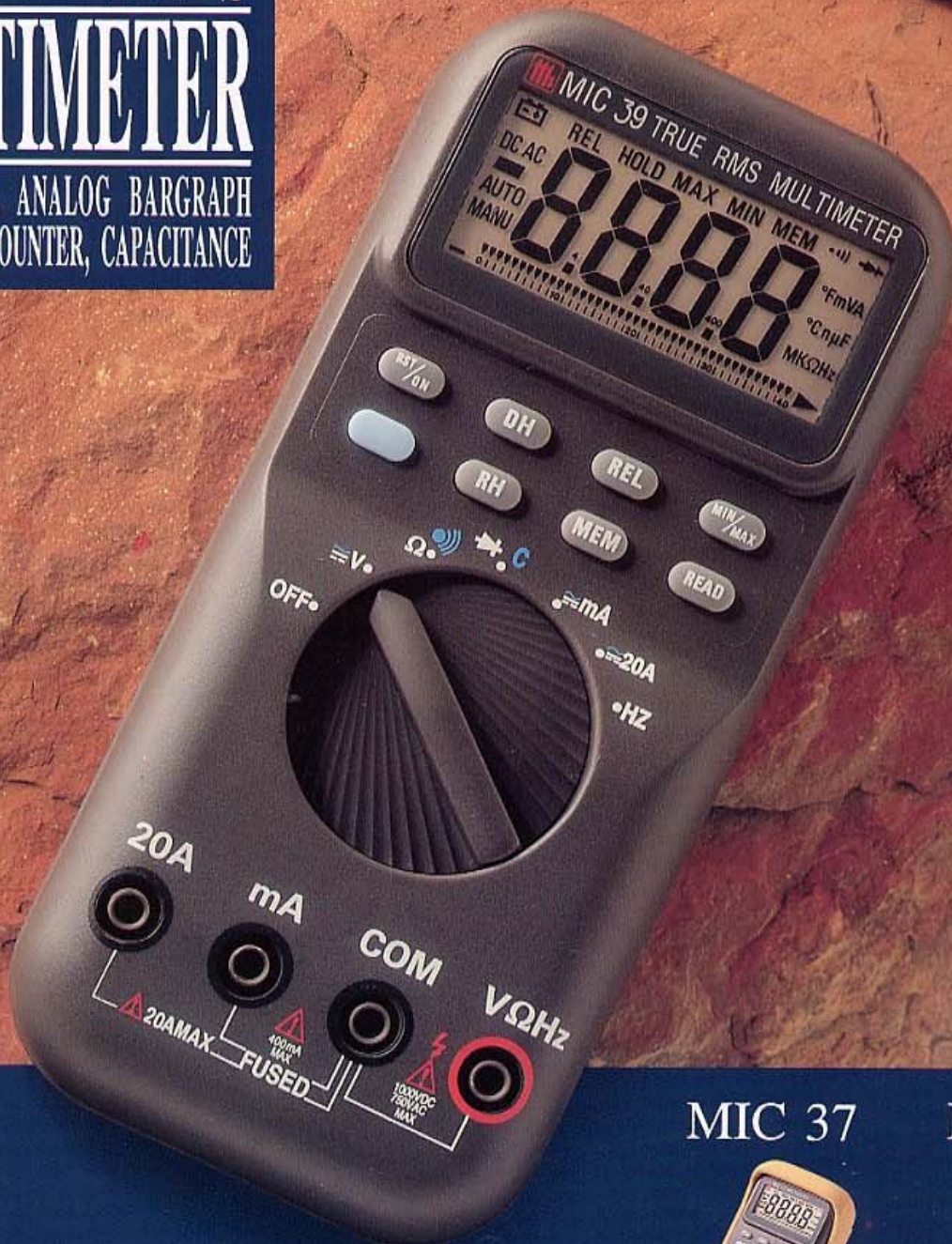


# AUTORANGE TRUE RMS MULTIMETER

3 3/4 DIGITS, ANALOG BARGRAPH  
FREQUENCY COUNTER, CAPACITANCE



MIC 37

MIC 39



The Measure of Quality

Optional Accessory : HC30 Holster

# MIC 37/39 Auto/Manual Ranging DMM

## Features:

- 3 3/4 digits, 0.67" high, Analog Bargraph LCD Display
- Capacitance and Frequency Measurements
- Autorange, Data Hold

- Up to 20A Measurement
- Sleeping Mode, Relative Mode
- Min/Max Display
- Memory and Read Functions
- True RMS Measurement (MIC-39 only)

## Measurement Range and Accuracy

### DCV

Range	Resolution	Accuracy	Protection
400mV	0.1mV	0.3%+3	DC 1000V AC 750Vrms
4V	1mV		
40V	10mV		
400V	100mV		
1000V	1V		

ACV (True RMS responding DC Coupled for MIC-39)  
Average responding AC Coupled for MIC-37

Range	Accuracy	MIC-37/39	MIC-39	Protection
	50Hz-100Hz	100Hz-500Hz	500Hz-1KHz	
400mV	1%+5	Not Specified		DC 1000V AC 750Vrms
4V	0.5%+5	2%+7	Not Specified	
40V				
400V				
750V	1%+5	Not Specified	Not Specified	

\* The accuracy applies from 5% - 100% of range

### DCA

Range	Resolution	Accuracy	Protection
40mA	10μA	0.5%+3	0.4A Fuse
400mA	100μA		
20A	10mA	1%+5	20A Fuse

ACA (True RMS responding DC coupled for MIC-39)  
Average responding AC coupled for MIC-37

Range	Resolution	Accuracy	Protection
40mA	10μA	1%+3	0.4A Fuse
400mA	100μA		
20A	10mA	1.5%+5	20A Fuse

\* Frequency Response : 50Hz - 500Hz  
The accuracy applies from 5% - 100% of range

AUDIBLE CONTINUITY CHECK : Less than 40 Ω

DIODE FORWARD VOLTAGE TEST

### RESISTANCE

Range	Resolution	Accuracy	Protection
400 Ω	0.1Ω	1%+7	400V DC or peak AC
4kΩ	1Ω	0.5%+7	
40kΩ	10Ω		
400kΩ	100Ω	1%+2	
4MΩ	1KΩ		
40MΩ	10KΩ	2%+5	

### CAPACITANCE

Range	Resolution	Accuracy	Protection
4nF	1pF	2%+5	400V DC or peak AC
40nF	10pF		
400nF	100pF		
4μF	1nF		
40μF	10nF		

### FREQUENCY COUNTER

Range	Resolution	Accuracy	Protection
100Hz	0.1Hz	0.5%+2	1000V DC or peak AC
1KHz	1Hz		
10KHz	10Hz		
100KHz	100Hz		
600KHz	1KHz		

Sensitivity : depend on range selected

### General:

Display Type : 3 3/4 digits, 0.67" high,  
42 segment analog bargraph  
Sampling Rate : 2 readings per second  
Battery Type : Dual 1.5 Volts No.4 battery  
Low Battery Warning : Display indicated  
when battery is 85% discharged  
Operating Temperature : 0 - 40°C  
Storage Temperature : -20 - 70°C  
Relative Humidity : Less than 80%  
Dimensions : 176 x 82 x 32mm (L x W x H)  
Weight : 280 grams  
Accessories : Test Probes, Spare Fuse (0.4A), Manual  
Optional Accessory : HC30 Holster

# MOTECH

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Specifications subject to change without notice