





5-4/5 DIGITS 50000/500,000 COUNTS HAND HELD TRMS DIGITAL MULTIMETER with PC INTERFACE
Model KM 857

An ISO 9001:2008 Company

SPECIAL FEATURES

- 500,000 counts high resolution stable reading mode.
- 20kHz Bandwidth voltage function
- Record MAX, MIN, MAX-MIN readings.
- Crest (Instantaneous Peak Hold) MAX, MIN, MAX- MIN readings.
- Relative zero mode.
- dBm readings.
- % 4 -20mA loop current readings.
- High noise rejection filtered Line Level Frequency mode.
- Line Level Frequency with 4 Trigger Levels.
- HBC Fuse Protection

FEATURES :

- DC Voltage Basic Accuracy 0.03%
- Fully Autoranging
- Backlighted display.
- Fast Data Measurement 5/sec
- Data Hold function
- Diode Test & Duty Cycle
- Audible & Visible input warning.
- Auto Power Off

GENERAL SPECIFICATIONS :

- * **Sensing :** AC, AC + DC True RMS;
- Frequency Bandwidth 20kHz (V) & 1kHz (A)
- * **Display :**
- 4-4/5 digits 50,000 counts. Selectable stable mode
- 5-4/5 digits 500,000 counts for DC Voltage & 6 digits 999,999 counts for Hz
- * **Update Rate :**
- 4-4/5 digits fast mode : 5 per second nominal;
- 5-4/5 digits stable mode : 1.25 per second nominal;
- 42 Segments Analog Bar graph :60 per second max.
- * **Polarity :** Automatic
- * **Low Battery :** Below approx. 7V
- * **Operating Temperature :** 0°C to 45°C
- * **Relative Humidity :** Maximum 80% R.H. For

SAFETY :

- Double insulation per IEC/UL/EN61010-1Ed.3.0, IEC / EN61010-2-030 Ed. 1.0, IEC / EN61010-2-033 Ed. 1.0, IEC/UL/EN61010-031 Ed. 1.1 and CAN/ CSA-C22.2 No. 61010-1-12 Ed. 3.0 to CAT III 1000V AC & DC & CAT IV 600V AC & DC.
- **Transient Protection :** 8kV (1.2/50µS surge)
- **Terminals (to Com) Measurement Category:** V/A/mAµA : Category III 1000V AC & V DC & CAT IV 600V AC & V DC.
- **Overload Protections :**
- µA & mA : 0.44A/1000V DC/AC rms, IR10kA, F Fuse
- A : 11A/1000V DC/AC rms, IR 20kA, F Fuse
- V : 1100V DC/AC rms
- mV, Ω & Others :1000V DC/AC rms
- **E.M.C. :** Meets EN61326-1:2006(EN55022, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11) In an RF field of 3V/m:
- Capacitance function is not specified
- Other function ranges:
- Total Accuracy = Specified Accuracy +100 digits
- Performance above 3V/m is not specified

ACCESSORIES :

Test Leads pair, Holster, Battery installed, User Manual

OPTIONAL ACCESSORIES :

PC interface kit, RS232 optical adapter cable + Software CD + BUA-2303 USB-to-Serial adaptor. Current Clamp CA300, Current Clamp Adaptor CA500, CA1000, CA2000, High Voltage Probe PD-28.

13 FUNCTIONS 42 RANGES




Software