February 10, 2005

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| Specifications | model 5360 | | | | | | |
|---|---|---|---|---|---|---|---|
| Accuracy at greater than 10% of range, 5,000 counts at Full Scale: | | | | | | | |
| Ranges | DC to 1 kHz | 1 kHz to 5 kHz | 5 kHz to 10 kHz | 10 kHz to 20 kHz | 20 kHz to 30 kHz | Resolution | Input Impedance |
| 500 mV | 1%R + 3D | 4%R + 3D | Not specified | | | 100uV | 10 MΩ/100 pF |
| 5V | 1%R + 3D | 1%R + 3D | 2%R + 30D | 2%R + 3D | 3%R + 3D | 1 mV | 11 MΩ/100 pF |
| 50V | 1%R + 3D | 1%R + 3D | 2%R + 3D | 2%R + 3D | 3%R + 3D | 10 mV | 10 MΩ/100 pF |
| 500V | 1%R + 3D | 1%R + 3D | 2%R + 3D | 2%R + 3D | 3%R + 3D | 100 mV | 10 MΩ/100 pF |
| 750V | 1%R + 3D | | Not specified | | | 1 V | 10 MΩ/100 pF |
| Crest Factor: 3. | | | | | | | |

| Specifications | model 5360 | | |
|---|---|---|---|
| Unless otherwise stated, accuracy specifications apply from 18 $^0$ C to 28 $^0$ C.<br>Specifications stated as n%R + nD, mean +-(n% of reading +n least significant digits).<br>Accuracy specifications stated as n%FS, mean +-(n% of Full Scale)<br>Factory Calibrated Only. | | | |
| | | | |
| DC VOLTAGE (Auto Manual Ranging) | Accuracy | Resolution | Input Impedance |
| 500 mV | 0.1%R + 2D | 10 uV | 10 MΩ or 1 GOhm* |
| 5V 0.025%R + 2D | 0.1%R + 2D | 11 MΩ | |
| 50V | 0.1%R + 2D | 1 mV | 10 MΩ |
| 500V | 0.2%R + 2D | 10 mV | 10 MΩ |
| 1000V | 0.3%R + 2D | 100 mV | 10 MΩ |
| *(10 MΩ only on 5360) | | | |
| AC/DC VOLTAGE PROTECTION | | | |
| Overvoltage Protection | +-1100 V DC + AC Peak | | |
| Transient Protection | 6 kV for 10 us | | |
| | | | |
| DC CURRENT (Auto/Manual Ranging) | | | Max Burden |
| Ranges | Accuracy | Resolution | Voltage |
| 500 uA | Not Available | 10 nA | 700 mV |
| 5 mA | 0.2%R + 2D | 100 nA | 700 mV |
| 50 mA | 0.2%R + 2D | 1 uA | 700 mV |
| 500 mA | 0.2%R + 2D | 10 uA | 1.5V |
| 10 A | 0.3%R + 2D | 1 mA | 500 mV |

| Specifications | model 5360 | | |
|---|---|---|---|
| AC CURRENT | | | |
| Accuracy at greater than 10% of range, 5,000 counts at Full Scale: | | | |
| Ranges | DC to 5 kHz | Resolution | Max Burden Voltage |
| 5 mA | 1.0%R + 3D | 1 uA | 700 mV |
| 50 mA | 1.0%R + 3D | 10 uA | 700 mV |
| 500 mA | 1.0%R + 3D | 100 mA | 1.5V |
| 10 A | 1% of FS | 10 mA | 500 mV |
| Crest Factor: 3. | | | |

| Specifications | model 5360 |
|---|---|
| RESISTANCE (Auto/Manual Ranging) | |
| Accuracy | |
| Ranges | Test Current |
| 500 Ω | 1 mA |
| | |

| | |
|---|---|
| 5 kΩ | 100 uA |
| 50 kΩ | 10 uA |
| 500 kΩ | 1 uA |
| 5 MΩ | 100 uA |
| 50 MΩ | 10 uA |
| FREQUENCY (Autoranging) | |
| Range: 0.6 Hz to 500 kHz | |
| Accuracy: +-(0.03% rdg + 1 digit) | |
| Ranges | 10 A (5390, 5370) |
| 0.6Hz to 5 kHz | 2 A |
| 5 kHz to 50 kHz | Not specified |
| 50 kHz to 500 kHz | |

| **Specifications** | **model 5360** | |
|---|---|---|
| CAPACITANCE (Auto/Manual Ranging) | | |
| Range | Measurement Current | Max. Time |
| 50 nF | 100 nA | 0.5 sec |
| 500 nF | 1 uA | 0.5 sec |
| 5 pF | 10 uA | 0.5 sec |
| 500 uF | 1 mA | 1.5 sec |
| 5000 uF | 1 mA | 3 sec/ mF |
| 50 mF | 1 mA | 3 sec/ mF |
| **Accessories** | | |
| SUPPLIED: Test Leads, Spare Fuses, Instruction Manual<br>OPTIONAL: TL-130A General Purpose DMM Kit<br>TP-5300 Platinum Temperature Probe (for 5370) | | |



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