



| Model | METRAHIT-WORLD | METRAHIT-BASE | METRAHIT-PRO | METRAHIT-TECH | METRAHIT-XTRA | METRAHIT-OUTDOOR | RISH Multi 13S | RISH Multi 15S | RISH Multi 16S | RISH Multi 18S | RISH Multi 20 |
|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Measurement Category | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III | 600 V, CAT IV 1000 V, CAT III |
| Resolution (Counts) | 6,000 | 12,000 | 12,000 | 12,000 | 12,000 | 12,000 | 3,100 | 3,100 | 3,100 | 31,000 | 300,000 |
| DC Voltage Measurement | 100 μ V to 1000 V | 10 μ V to 1000 V | 10 μ V to 1000 V | 10 μ V to 1000 V | 10 μ V to 1000 V | 10 μ V to 1000V | 10 μ V to 1000V | 10 μ V to 1000V | 10 μ V to 1000V | 10 μ V to 1000V | 10 μ V to 1000V |
| DC V Accuracy | 0.5% rdg + 5 d | 0.09% rdg + 3 d | 0.09% rdg + 3 d | 0.09% rdg + 3 d | 0.09% rdg + 3 d | 0.09% rdg + 3 d | 0.5% rdg + 3 d | 0.5% rdg + 3 d | 0.5% rdg + 3 d | 0.05% rdg + 3 d | 0.02% rdg+0.008% rng+20d |
| DC Current Measurement | 10 μ A to 10 A | Clip-On Only | 100 μ A to 10 A | 1 μ A to 10 A | 10 nA to 10 A | 10 nA to 10 A | 1 μ A to 16 A | 0.1 μ A to 10 A | 0.1 μ A to 10 A | 0.1 μ A to 10 A | 10 nA to 10 A |
| DC Current Accuracy | 1% rdg + 5 d | N/A | 0.9% rdg + 10 d | 0.9% rdg + 10 d | 0.5% rdg + 3 d | 0.5% rdg + 3 d | 1% rdg + 5 d | 1% rdg + 5 d | 1% rdg + 5 d | 0.5% rdg + 10 d | 0.02% rdg+0.001% rng+20d |
| AC Voltage Measurement | 100 μ V to 1000 V | 10 μ V to 1000V | 10 μ V to 1000V | 10 μ V to 1000 V | 10 μ V to 1000V | 10 μ V to 1000V | 1 mV to 1000 V | 1 mV to 1000 V | 1 mV to 1000 V | 10 μ V to 1000V | 10 μ V to 1000V |
| AC V Accuracy | 1% rdg + 5 d | 0.5% rdg + 9 d | 0.5% rdg + 9 d | 0.5% rdg + 9 d | 0.5% rdg + 9 d | 0.5% rdg + 9 d | 0.75% rdg + 2 d | 0.75% rdg + 2 d | 0.75% rdg + 2 d | 0.5% rdg + 3 d | 0.2% rdg + 30 d |
| AC Current Measurement | 10 μ A to 10 A | Clip-On Only | 100 μ A to 10 A | 1 μ A to 10 A | 10 nA to 10 A | 10 nA to 10 A | 10 μ A to 10 A | 1 μ A to 10 A | 1 μ A to 10 A | 1 nA to 10 A | 10 nA to 10 A |
| AC Current Accuracy | 1.5% rdg + 5 d | N/A | 1.5% rdg + 10 d | 1% rdg + 10 d | 1.5% rdg + 10 d | 1.5% rdg + 10 d | 1.5% rdg + 2 d | 1.5% rdg + 2 d | 1.5% rdg + 2 d | 1.2% rdg + 30 d | 0.5% rdg + 30 d |
| TRMS Value | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes | Yes |
| Clip-on current sensor input | Yes | Yes | Yes | Yes | No | No | No | No | No | No | No |
| Resistance Measurement | 100 m Ω to 40 M Ω | 10 m Ω to 40 M Ω | 10 m Ω to 40 M Ω | 10 m Ω to 40 M Ω | 10 m Ω to 40 M Ω | 10 m Ω to 40 M Ω | 10 m Ω to 300 M Ω | 10 m Ω to 300 M Ω | 10 m Ω to 300 M Ω | 10 m Ω to 30 M Ω | 10 m Ω to 30 M Ω |
| Resistance Accuracy | 0.7% rdg + 3 d | 0.2% rdg + 5 d | 0.2% rdg + 5 d | 0.2% rdg + 5 d | 0.2% rdg + 5 d | 0.2% rdg + 5 d | 0.6% rdg + 1 d | 0.6% rdg + 1 d | 0.6% rdg + 1 d | 0.1% rdg + 6 d | 0.05% rdg+0.015% rng+20d |
| Capacitance Measurement | 10 pF to 400 μ F | No | No | 10 pF to 1000 μ F | 10 pF to 1000 μ F | 10 pF to 1000 μ F | No | 10 pF to 30 μ F | 10 pF to 30 μ F | 1 pF to 1000 μ F | 1 pF to 3000 μ F |
| Capacitance Accuracy | 1% rdg + 6 d | N/A | N/A | 1% rdg + 6 d | 1% rdg + 6 d | 1% rdg + 6 d | N/A | 1% rdg + 3 d | 1% rdg + 3 d | 5% rdg + 6 d | 1.2% rdg +0.2% rng |
| Frequency Measurement | 0.1 Hz to 1 MHz | 0.01 Hz to 100 KHz | 0.01 Hz to 100 KHz | 0.01 Hz to 100 KHz | 0.01 Hz to 1 MHz | 0.01 Hz to 1 MHz | No | 0.1 Hz to 100 kHz | 0.1 Hz to 100 kHz | 0.01 Hz to 100 kHz | 0.01 Hz to 300 kHz |
| Frequency Accuracy | 0.1% rdg + 2 d | 0.05% rdg + 3 d | 0.05% rdg + 3 d | 0.05% rdg + 3 d | 0.05% rdg + 3 d | 0.05% rdg + 3 d | N/A | 0.5% rdg + 1 d | 0.5% rdg + 1 d | 0.1% rdg + 3 d | 0.1% rdg + 3 d |
| Temperature Measurement | TC Type K | TC Type K | TC Type K | TC Type K | K + Pt100/Pt1000 | K + Pt100/Pt1000 | Pt100/Pt1000 | Pt100/Pt1000 | Pt100/Pt1000 | Pt100/Pt1000 | Pt100/Pt1000 |
| Min/Max Record | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Continuity Test (Acoustic Signal) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Diode Test | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| PC Data Interface | IR / USB | IR / USB | No | No | IR / USB | IR / USB | IR / RS-232 | IR / RS-232 | IR / RS-232 | IR / RS-232 | No |
| Data Storage | No | No | No | No | 4 MB | 4MB | Optional | Optional | Optional | Optional | No |
| Display Illumination | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes |
| Automatic Blocking Sockets | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Calibration Certificate | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Manufacturer Guarantee | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years |
| Made in | Germany | Germany | Germany | Germany | Germany | Germany | India | India | India | India | India |

For quotes and queries please contact us at:
sales@zedflo.com.au
 Tel: +61 8 9409 7566
 Fax: +61 8 9409 7153
 Web: www.zedflo.com.au