




EIS Battery Analyzer BA8100

| Company | | B&K Precision | Hioki | Gamry |
|-----------------------------|----------------|---|---|---|
| Model | | BA8100 | BT4560 | Interface 5000P |
| | |  |  |  |
| List Price | | \$3,590 | \$7,150 | > \$5,000* |
| Key Specifications | | | | |
| Frequency Range | | 50 mHz to 10 kHz | 100 mHz to 1050 Hz | 10 μHz to 20 kHz |
| Voltage | | 80 V | 5 V | 8.5 V |
| DC Input Current | | 3 A | N/A | N/A |
| AC Current | | 300 mArms | 1.5 Arms | 5 A |
| Measurements | | | | |
| Impedance | Basic Accuracy | ±(0.5% of reading + 5 μΩ) | ±0.4% of reading | ±0.5% |
| Phase | Basic Accuracy | ±0.3° | ±0.1° | ±0.5% |
| General | | | | |
| I/O Interfaces | | LAN, USB (COM), RS232 | RS232, USB (COM) | USBTMC, USER I/O |
| Temperature Measurement | | - | Z2005 temp sensor | - |
| Included Software | | Frequency response analysis (FRA) software | BT4560 software | Framework and Echem Analyst |
| Equivalent Circuit Modeling | | - | - | ✓ |
| Warranty | | 3 Years | 3 Years | 2 Years |

* List price is not published