

Portable PC-Based Data Acquisition System



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DaqBooks[®]

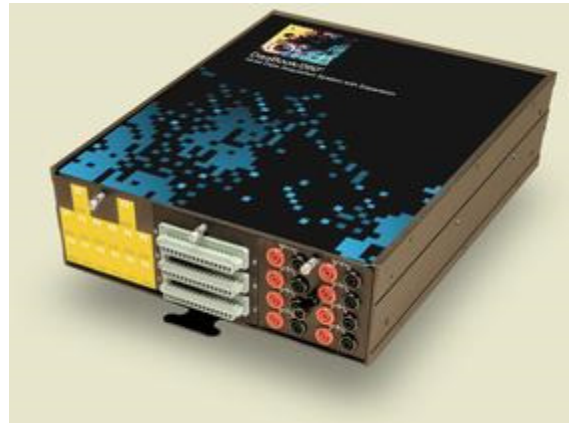
Portable PC-Based Data Acquisition Systems

Models /100, /112, /120, /200, /216, & /260



Features

- Link to notebook or desktop PCs via the standard or enhanced parallel port (EPP) or optional PC-Card interface
- Operable from included AC adapter, optional nickel-cadmium power module, 12V car battery, or any +10 to +20 VDC source
- Analog input:
 - 100-kHz A/D converter, 12-bit (/100 series) or 16-bit (/200 series)
 - 100 Kreadings/s sampling & real-time storage-to-disk
 - 8 differential- or 16 single-ended inputs, expandable to 256 channels
 - channel/gain sequencing at 10 μ s intervals, including up to 256 expansion channels
 - x1, 2, 4, or 8 programmable gain (other gains available with option cards)
 - 512-location scan memory for user-defined channel/gain sequencing of up to 256 channels
 - triggerable from analog, digital, or software, including pre-trigger
- Two 12-bit analog outputs
- Digital I/O:
 - 24 general-purpose digital I/O lines, expandable to 192
 - 16 high-speed digital-input lines, scannable at up to 100 kHz
- Five programmable 16-bit counter/timers
- Parallel port or optional PC-Card connection to PC
- Compatible with IOtech's DaqBoard and Daq PC-Card data acquisition systems for PCs



The DaqBook/260 data acquisition system offers easy expansion and your choice of connectivity (shown here with optional DBK605, DBK606, and DBK604 termination pannels)

Signal Conditioning Options

- Expansion cards & modules for high-voltage/current, strain gages, thermocouples, isolation, relays, accelerometers, filtering, & simultaneous sample & hold

Software

- DaqView, spreadsheet-style software for *Out-of-the-Box*[™] setup, acquisition, & real-time display
- DIAdem[®] -View for post-acquisition viewing

Parts/Model Information

Description	Part No.
Data acquisition system including AC adapter; 2 ft. parallel port cable; LabVIEW [®] , DOS, and Windows [®] 3.x/95/98/2000/NT* drivers; DaqView and DIAdem [®] -View software	DaqBook/100 DaqBook/112 DaqBook/120 DaqBook/200 DaqBook/216
Data acquisition system with space internally for three analog DBK option cards including AC adapter; 2 ft. parallel port cable; three DBK601 blank termination panels; LabVIEW, DOS, and Windows 3.x/95/98/2000/NT* drivers; DaqView and DIAdem-View software	DaqBook/260
Board-only OEM data acquisition system, including LabVIEW, DOS, and Windows 3.x/95/98/2000/NT* drivers; DaqView and DIAdem-View software	DaqBook/100/OEM DaqBook/112/OEM DaqBook/120/OEM DaqBook/200/OEM DaqBook/216/OEM
Fastener-panel handle	HA-111

Termination Panels (DaqBook/260 only)

Blank termination panel	DBK601
16-connector BNC termination panel	DBK602
16-connector red safety-jack termination panel and wiring kit	DBK603
16-connector (8 pairs) red and black safety-jack termination panel and wiring kit	DBK604
14-connector type B thermocouple panel and wiring kit (male thermocouple connector sold separately)	DBK605-B
14-connector type J thermocouple panel and wiring kit (male thermocouple connector sold separately)	DBK605-J
14-connector type K thermocouple panel and wiring kit (male thermocouple connector sold separately)	DBK605-K
14-connector type R thermocouple panel and wiring kit (male thermocouple connector sold separately)	DBK605-R
14-connector type S thermocouple panel and wiring kit (male thermocouple connector sold separately)	DBK605-S
14-connector type T thermocouple panel and wiring kit (male thermocouple connector sold separately)	DBK605-T
48-connector removable-block screw-terminal panel and wiring kit	DBK606
Slotted termination panel with adjustable clamp	DBK607

Three DB37 female connector termination panel and wiring kit	DBK608
Male TC connector for DBK605; y = TC type (B, J, K, R, S, T)	CN-144-yM

Rack Mount Kits

Rack mount kit for DaqBook/260	RackDBK-1
Rack mount kit for DaqBook/120, /112, /216, /200	RackDBK-2

Software

Icon-based data acquisition, graphics, control, and analysis with DaqBook driver	DASYLab
Microsoft Excel add-in providing DaqView with complete functionality within Excel's tool palette	DaqViewXL

Cables

DBK expansion cable from DaqBook to DBK module; 2.5 in	CA-37-1T
DBK expansion cable from DaqBook to DBK module; 4.5 in	CA-37-3T
DBK expansion cable from DaqBook to DBK module; 5.5 in	CA-37-4T
DBK expansion cable from DaqBook to DBK module; 11.5 in	CA-37-8T
Ribbon cable with female DB37 connector, provides convenient wiring to DaqBook P1, P2, and P3 ports without requiring soldering to DB37 connectors; 6 ft.	CA-113
5-pin male DIN to 5-pin male DIN provides convenient connection between DaqBook power input connectors and battery packs (also used to daisy-chain input power to expansion modules equipped with 2 power input connectors, e.g., DBK32A, DBK42); 6 in.	CA-115
5-pin DIN to automobile cigarette lighter power cable; 8 ft.	CA-116

*Contact factory for Windows® 2000 driver availability.

Related Products

Expansion Hardware

[DBK1](#) [DBK2](#) [DBK4](#) [DBK5](#) [DBK7](#) [DBK8](#)
[DBK9](#) [DBK10](#) [DBK11A](#) [DBK12](#) [DBK13](#) [DBK15](#)
[DBK16](#) [DBK17](#) [DBK18](#) [DBK19](#) [DBK20](#) [DBK21](#)

[DBK23](#) [DBK24](#) [DBK25](#) [DBK30A](#) [DBK32A](#) [DBK33](#)
[DBK34](#) [DBK40](#) [DBK41](#) [DBK42](#) [DBK43A](#) [DBK44](#)
[DBK45](#) [DBK50](#) [DBK51](#) [DBK52](#) [DBK53](#) [DBK54](#)
[DBK60](#)

Software

[DaqView](#)

[DaqViewXL](#)

[DASYLab](#)

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