

 Interface Comparison Chart	DataLITE EXPLORE DLE1 SYSTEMS INCLUDING DLE1: WSE200/WSE250/WSE400/ WSE450/WSE800/WSE850/ WSE900/WSE950/WSE1800	DataLITE ADVANCE K2400 SYSTEMS INCLUDING K2400: WSA200/WSA250/WSA400/ WSA450/WSA800/WSA850/ WSA900/WSA950/WSA1800	DataLITE PIONEER DG2 SYSTEMS INCLUDING DG2: WS200/WS250/WS400/ WS450/WS800/WS850/ WS900/WS950/WS1800	DataLOG MWX8 SYSTEMS INCLUDING MWX8: PS800/PS850/PS1650/ PS900/PS1800/DS3000/ DS5000	DataLINK DLK900 SYSTEMS INCLUDING DLK900: LS800/LS850/LS1650/ LS900/LS1800/DS3000/ DS5000	Amplifier K800 Amplifier (No software)
Portable	✓	✗	✗	✓	✗	✗
Data Acquisition	Wi-Fi and Micro SD	Wi-Fi	Wi-Fi	Bluetooth® and/or Micro SD	USB	✗
Real-Time Data Display	LCD & PC via USB	PC	PC	LCD & PC via Bluetooth®	PC	LCD
Channels	Up to 24 analogue, 12 digital	Up to 24 analogue, 12 digital	Up to 24 analogue, 12 digital	Up to 24 (3 x MWX8)	Up to 24 (3 x DLK900)	Unlimited
Gain	Fixed	Fixed	Fixed	Programmable	Programmable	Fixed
OUTPUTS						
To Biometrics Analysis Software	✓	✓	✓	✓	✓	✗
ASCII File	✓	✓	✓	✓	✓	✗
Output to Other Hardware (Such as A/D Boards)	✗	✓ Using R2000i or R2000iBNC	✗	✗	✓ Using R2000i or R2000iBNC	✓ Using R2000i or R2000iBNC
Via DLL to Other Software	✓ Data backed up to SD card	✓	✓	✓ Data backed up to SD card	✓	✗
ANALOGUE INPUTS						
Surface EMG	LE230	LE230	LE230	SX230-1000 / SX230FW	SX230-1000 / SX230FW	SX230-1000 / SX230FW
Goniometers / Torsiometers	W-series / Z-series	W-series / Z-series	W-series / Z-series	F35, SG-series / Q-series	F35, SG-series / Q-series	F35, SG-series / Q-series
Accelerometers	ACL500	ACL500	ACL500	ACL300 / S3-1000G-HA	ACL300 / S3-1000G-HA	ACL300
Dynamometer (G200)	Connect with AD2	Connect with AD2	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
Pinchmeter (P200)	Connect with AD2	Connect with AD2	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
Myometer (M550)	Connect with AD2	Connect with AD2	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
ForcePlates (FP3 / FP4)	Connect with AD2	Connect with AD2	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
Force Sensors (TF25 / TF100)	Connect with AD2 / TKW1500	Connect with AD2 / TKW1500	Connect with AD2 / TKW1500	Connect with TK1500	Connect with TK1500	Connect with TK1500
Load Cells (In-Line / S-Beam)	Connect with AD2	Connect with AD2	Connect with AD2	Via integral cable	Via integral cable	Via integral cable
General Single Ended Voltages	✗	✗	✗	✓	✓	✓
general differential voltages	✗	✗	✗	✓	✓	✓
DIGITAL INPUTS						
Contact switches	FS2	FS2	FS2	FS4	FS4	FS4
Event Marker (Various)	✓	✓	✓	✓	✓	✓
Remote Start/Stop (TTL In)	✓	✓	✓	✓	✓	✗
Remote Start/Stop (TTL Out)	✓	✓	✓	✓	✗	✗

Biometrics Ltd manufactures variations of DataLITE*, DataLOG and DataLINK (sensors and instruments) for Data Acquisition which are CE marked medical devices in Europe, independently certified to Safety Standard of the International Electrotechnical Commission IEC 60601-1:2005 + A1:2012 and BS EN 60601-1:2006 + A1:2013, conforming to the European Medical Device Directive 93/42/EEC as amended by Directive 2007/47/EC, conforming to the council Directive relating to Electromagnetic Compatibility by the application of BS EN 60601-1-2. Other variations are available as non medical devices.

Biometrics Ltd K800 Amplifier for Data Acquisition, Movement analysis and EMG used in Research Environments (sensors and instruments) is independently certified to Safety Standard of the International Electrotechnical Commission IEC 60601-1:1988 including Amendments 1 & 2, EN 60601-1:1990 including Amendments A1, A2 & A13, BS 5724-1:1989 including Amendments 1, 2 & 3 and conform to the council Directive relating to Electromagnetic Compatibility by the application of BS EN 60601-1-2. However, in Europe, as the K800 Amplifier does not conform to the European Medical Device Directive 93/42/EEC as amended by Directive 2007/47/EC. It is not considered a medical device and is not for medical measurement purposes, or for use in the treatment and diagnosis of disease.

* DataLITE Advance and Explore not medically certified