

 Biometrics Ltd Interface Comparison Chart	DataLITE DG2	DataLOG MWX8	DataLINK DLK900	K800
	SYSTEMS INCLUDING DG2: WS200/WS250/WS400/ WS450/WS800/WS850/ WS900/WS950/WS1800	SYSTEMS INCLUDING MWX8: PS800/PS850/PS1650/ PS900/PS1800/DS3000/ DS5000	SYSTEMS INCLUDING DLK900: LS800/LS850/LS1650/ LS900/LS1800/DS3000/ DS5000	Amplifier (No software)
Data Acquisition	Wi-Fi	Bluetooth® and/or MicroSD	USB	✗
Real-time data display	Wi-Fi	Bluetooth® & LCD	USB	LCD
Real-time Analysis Software	Wi-Fi	via Bluetooth®	via USB	✗
Channels	Up to 24 per DG2, up to 4 DG2 in the same environment	Up to 24 (3 x MWX8)	Up to 24 (3 x DLK900)	Unlimited
Gain	Fixed	Programmable	Programmable	Fixed
OUTPUTS				
to Biometrics Analysis Software	✓	✓	✓	✗
ASCII file	✓	✓	✓	✗
Analogue output to other hardware (such as A/D boards)	✗	✗	✓ (via optional R2000i/2000iBNC)	✓ (BNC ends optional)
via DLL to other software	✓	✓	✓	✗
INPUTS ACCEPTED				
ANALOGUE				
Surface EMG	LE230	SX230-1000 / SX230FW	SX230-1000 / SX230FW	SX230-1000 / SX230FW
Goniometers / Torsiometers	W-series / Z-series	F35, SG-series / Q-series	F35, SG-series / Q-series	F35, SG-series / Q-series
Accelerometers	ACL500	ACL300 / S3-1000G-HA	ACL300 / S3-1000G-HA	ACL300
Dynamometer (G200)	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
Pinchmeter (P200)	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
Myometer (M550)	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
ForcePlates (FP3 / FP4)	Connect with AD2	Connect with H2000	Connect with H2000	Connect with H2000
Force sensors (TF25 / TF100)	✗	Connect with TK1500	Connect with TK1500	Connect with TK1500
Load Cells (In-Line / S-Beam)	Connect with AD2	Via integral cable	Via integral cable	Via integral cable
general single ended voltages	✗	✓	✓	✓
general differential voltages	✗	✓	✓	✓
DIGITAL				
Contact switches	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.

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.