

	BALANCE TRAINER BT3 & BT4 DAQ	<i>v.3.0</i>
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HARDWARE DESCRIPTION

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FEATURES

- RESOLUTION: 16 bit (stability 14-15 bit depending on sampling frequency)
- POWER SUPPLY SOURCE: USB, (MAX SUPPLY CURRENT: 180mA)
- BANDWIDTH (3dB): 30Hz
- MAXIMUM SAMPLE RATE: 1200 SPS/CHANNEL
- MAX SUPPORTED CHANNELS: 4
- EXCITATION VOLTAGE: REGULATED 5 VOLT
- INPUT VOLTAGE RANGE 10mV UNIPOLAR – in latest software supported 0-10mV range
- 256 BYTES OF DATA can be stored in on-board E2PROM (e.g. Calibration data).
- FIRMWARE UPDATE BY USB – without use of Wiggler's interface or ISPCable.
- POWER DOWN MODE – that decreases supply current to few mA during periods when the DAQ is not used for some time (e.g. After 60 seconds with no measurement performed)