



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

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This wishlist was generated on 14/05/2016, and contains the following Products:

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[27-1500/01](#)

**GDU 8 Channel Data Acquisition Unit 220-240 V 50/60 Hz, 1 Ph.**

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## GDU 8 Channel Data Acquisition Unit 220-240 V 50/60 Hz, 1 Ph.

Code: 27-1500/01

Product Group: Automatic data acquisition, Automatic Data Acquisition, Automatic data acquisition, Automatic Data Acquisition, Data Logging with the GDU, Geotechnical Data Acquisition Unit (GDU)

The GDU is a stand-alone, multi-tasking, multi-channel data logger, that is reliable and powerful, enabling it to co-ordinate test data from the range of ELE transducers required for various test methods.

The ELE Geotechnical Software package (DS7.1), in conjunction with the GDU and a range of transducers, are the two central components required to create a modern turnkey soil testing system. Being fully modular it can be adapted to a wide range of soil testing laboratory configurations.

- For performing CBR, Consolidation, Direct/Residual Shear and Total & Effective Stress Triaxial tests
- 8 Channels expandable to 32 for performing multiple, concurrent tests for cost savings
- Independent signal conditioning on each channel to maintain data accuracy
- Field-upgradeable software, meaning no downtime for future software and functionality upgrades
- Extended warranty.

## Specification

|                   |                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case              | Aluminum, free standing; houses power supply, analog to digital conversion module and an 8-channel analog input module with transducer energization. |
| Sockets           | Standard 5-pin DIN type.                                                                                                                             |
| Input Range       | $\pm 5$ volts to $\pm 10$ mV full scale.                                                                                                             |
| Transducer Supply | 10vDC.                                                                                                                                               |
| Dimensions        | 12.8" w. x 14.3" d. x 6.1" h.<br>(325 x 363 x 155 mm).                                                                                               |
| Weight            | Net 14.08 lbs. (6.4 kg).                                                                                                                             |