

00 Helpsheet



*World Leaders in Computer Controlled Testing
Systems for Geotechnical Engineers and Geologists*

GDS Instruments Ltd Nomenclature and Glossary of terms

1. Introduction

GDS uses many acronyms to represent the names of different pieces of hardware and software. This helpsheet serves to provide a list of all known GDS acronyms.

2. Terms

ADVDPCC – Advanced Digital Pressure Controller

ADVTTTS – Advanced Triaxial Testing System

CSWS – Continuous Surface Wave System

DTI – Digital Transducer Interface

DPI – Digital Pressure Interface

GDSBES – GDS Bender Element System

GDSTAS – GDS Triaxial Automated System

GDSLAB – GDS Laboratory control and acquisition software

GDSLAB REPORTS – GDS Laboratory Reporting software

MINIDYN – 'Mini' dynamic system – i.e. 2Hz

MAXIDYN – 'Maxi' dynamic system – i.e. 10Hz

PAD – Serial or Parallel Data Acquisition Device (commonly referred to as a PAD)

RFM – Remote Feedback Module

STDDPC – Standard Digital Pressure Controller

STDTTTS – Standard Triaxial Testing System

SASW – Spectral Analysis of Surface Waves