

Multi-Directional Simple Shear (MDSS) Test System

CRT-MDSS

cDAC - DATA ACQUISITION AND CONTROL SYSTEM

cDAC, our next generation class leading digital controller is unparalleled in its field. We combine cDAC, our flagship universal test software DIMENSION to provide you with the ease of use and flexibility required for testing without limit for the next 20 years and beyond.

- 24 bit resolution, 5kHz per channel
- Up to 32 TEDS enabled acquisition channels accept any transducer type
- Up to 8 servo axes, each capable of up to 1024 set points per cycle
- Up to 16 digital input & output channels
- Ethernet/USB/RS232 to PC communication



DIMENSION - SOFTWARE

- User friendly, intuitive and reliable Windows software developed using LabVIEW
- Create your own or select from the range of pre-installed test routines
- See real-time data and the sequence of events as they happen
- Start, stop and skip stages of the program as you want, reconfigure in realtime
- Create charts, graphs and reports to analyse and document the application
- Build a database of all the hardware either real or calculated, to monitor and edit as you want
- Setup and modify the cDAC modules and their I/O to fine tune the process

