GDS Standard Controller quick reference guide (helpsheet 106)

Firmware

GDS INSTRUMENTS LIMITED

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

RESET

0 invokes SYSFUN

1 invokes DIAGNOSTICS

2 RAMP command

4 Target Volume

5 Zero Volume

6 Fill

+ Empty

7 Target Pressure

8 Zero Pressure

9 Power On Reset

- Select Volume or RFM display

"RESET" + "ENTER"
Remove Computer Control

SYSFUN MENU (RESET, 0)

4 Set Max pressure limit

5 Set RS232 Baud Rate

6 Set RS232 Stop Bits

+ Set RS232 Parity

8 Remove Pressure zero offset

ENTER Default Comms Parameters (4800, ODD, 2)

. RFM Functions

RFM FUNCTIONS MENU (RESET, 0, .)

0 Activate RFM
1 De-activate RFM
2 Set RFM Range
3 Set RFM decimal places
4 Set maximum RFM limit
5 Set minimum RFM limit
6 Soft Zero Offset
7 Remove Soft Zero Offset
+ Put RFM in control
- Remove RFM from control

DIAGNOSTICS MENU (RESET, 1)

0 Memory test
1 Display diagnostics
2 Keyboard diagnostics
3 Timer diagnostics
4 Forward limit
5 Reverse limit
6 Buzzer diagnostics
  1: 500Hz tone
  2: 2 kHz tone
  3: 4 kHz tone
7 A/D diagnostics
+ RFM A/D diagnostics

RAMP MENU (RESET, 2)

Slope cmd **1** = msecs
9 = secs
Slope time interval per kPa or cu.mm
Lower Val
Upper Val
Execute cmd **7** = V,R,+
39 = V,R,-
15 = V,C,+
47 = V,C,-
23 = P ,R,+
55 = P ,R,-
31 = P ,C,+
63 = P ,C,-