GDS ADV v6 (helpsheet 111)

Firmware v6/STATIC MINIDYN

GDS INSTRUMENTS LIMITED

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

'RESET' invokes FUNCTION

0 invokes SYSFUN

1 invokes DIAGNOSTICS

2 RAMP command

4 Target Displacement

5 Zero Displacement

6 DOWN

+ UP

7 Target Load

8 Zero Load

9 Power On Reset

SYSFUN MENU (RESET, 0)

ENTER Fast F/E Set Speed

1 Set IEEE Address

5 Main Transducer Functions

6 Fast Down

+ Fast Forward

7 Control Alg Functions (!GDS ONLY!)

8 Remove soft zero Load offset

MAIN TRANSDUCER FUNCTIONS MENU (RESET, 0, 5)

2 Set LOAD Range

3 Set LOAD decimal places

4 Set maximum LOAD (counts)

5 Set minimum LOAD (counts)

9 Main Gain (0-15) (!GDS ONLY!)

DIAGNOSTICS MENU (RESET, 1)

0 Memory test
1 Display diagnostic
2 Keyboard diagnostic
3 Timer diagnostic
4 Forward limit
5 Reverse limit
6 Buzzer diagnostics
- **1:** 500Hz tone
- **2:** 2 kHz tone
- **3:** 4 kHz tone

7 A/D diagnostic
8 Stepping motor diagnostic
9 IEEE diagnostic
+ RFM A/D diagnostic

RAMP MENU (RESET 2)

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