



RMS INSTRUMENTS

Data Recording Systems

6877-1 Goreway Drive
Mississauga, Ontario
Canada, L4V-1L9

Tel: (905) 677-5533
Fax: (905) 677-5030
e-mail: rms@rmsinst.com
<http://www.rmsinst.com>

GR33U2 Software Revision RMS1700-01-E — Release Notes

- 1) A modification was made to the control of chart motion when the operating chart speed is either 1 mm/min, or 5 mm/min, selected from the first-level item under the 'Chart Speed' menu entry. The recorder will internally buffer sets of 16 print cycles (equivalent to 2 mm on the chart), and print them in quick "bursts" at 1/16 the rate printing would have otherwise taken place (in previous revisions).

When the Paper Advance button (for fast speed printing) is pressed, the recorder will check if there is any data in the buffer, and if so, will print it immediately; the fast-speed printing is then started.

Printing in this fashion is beneficial at such low speeds for several reasons; most importantly, it eases paper winding in the take-up spool, and reduces the wear of mechanical components such as the take-up spool drive belt.

- 2) The low-paper alarm is now activated at 7.1% paper level (instead of 12.5%). This corresponds to a 3-day supply of paper when operating at 1 mm/min.