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Application Note

No. 7   7/6/09
                                                                                        By: KRD

ASCII Commands for Chatillon Gages

Below are the ASCII commands for Chatillon gages with rs-232 output. Consult your user manual for correct cable to connect to your pc or data collector.

When transmitting results, only the force and units (if enabled) shown on the display are transmitted.

Note that the gages can be placed in the data collect mode. When it is in that mode it will stream data from the gage continuously and depending on the gage model and baud rate setting, between 500 and 5000 samples per second.

Command	Response	Description
F		Toggles between Normal and Data Collect Modes
P		Steps through Peak Modes: Normal, Tension Peak, Compression Peak
R		Resets the gauge: zeroes all modes.
S	^N-MODE^^^<CR><LF> or TP-MODE^^^<CR><LF> or CP-MODE^^^<CR><LF>	Sends currently selected mode: Normal, Tension Peak, Compression Peak, Data Collect
U		Steps through Units
X or ?	±99.999^lb<CR><LF> or ±9999.9^kg<CR><LF> or ±99.999^N<CR><LF> ±99.999^oz<CR><LF> or ±9999.9^g^<CR><LF> or ±99.999^N^<CR><LF> ERROR^^^^^<CR><LF> overload.	Sends data on display with the position of the decimal place the same as on display. If "Transmit Limits" is set to transmit without units ^ is replaced by ^^. Response during force
Y		Opens RS232 output and sends continuous data stream when in Data Collect mode.
Z		Zeroes the currently selected mode: Normal, Tension Peak or Compression Peak