

Command Protocol Essentials



Communication with the Discom system uses text commands and replies.
See next page for an example test run and typical command sequence.

Important:

- Each command is terminated by a newline character
- Commands are case sensitive
- Each command is acknowledged (see table below and extended documentation)
- Commands may not overlap: wait for the reply to the previous command before sending the next one.

Most important commands
and their replies:

Command	Reply	Action
Reset:	Reset OK	Resets the system to neutral state.
Insert: <i>ABCD</i>	Inserted / Failed	Starts a test run for type <i>ABCD</i> .
Serial: <i>123456</i>	1 / 0	Sets the serial number.
Mode: <i>1-A</i>	OK / Error	Starts test step <i>1-A</i> within the test run.
Measure: On/Off/Cancel	On / Off / Cancel / Error	Controls data analysis. Not required for speed ramps or torque ramps.
EndOfTest:	1 / 0	Signals end of the test run. Final result is calculated.
Remove:	Done-x / Failed	Ends the test run. Result file is saved. 'x' is the result code (see next page).
Result:	Result x	Queries for the overall test result. 'x' is the result code (see next page).
Report: <i>xxx</i>	(different reports as requested)	Queries for a detailed defect report.
<i>Most other commands</i>	1 / 0	

All details here:



https://download.discom.de/Documentation/TestStand_Communication

Test Run Command Sequence

General test run structure and command sequence:

